

Exhibit A

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EXHIBIT A **DRAFT RESOLUTION**

Before the Chief of Planning in and for the County of Monterey, State of California

In the matter of the application of:

CUERVO HOLDINGS LP (T-MOBILE) (PLN250162)

RESOLUTION NO. 26-010

Resolution by the County of Monterey Chief of Planning:

- 1) Finding the project Categorically Exempt pursuant to CEQA Guidelines section 15301 and no exceptions to section 15300.2 apply; and
- 2) Approving an Administrative Permit to allow the co-location of a wireless communications facility at 29-foot height on an existing 50-foot tall monopole with associated improvements.

[PLN250162, Cuervo Holdings LP, Pine Canyon Rd, King City, Central Salinas Valley Area Plan (APN: 420-071-067-000)]

The Cuervo application (PLN250162) came on for public hearing before the County of Monterey Chief of Planning on January 21, 2026. Having considered all the written and documentary evidence, the administrative record, the staff report, oral testimony, and other evidence presented, the Planning Commission finds and decides as follows:

FINDINGS

1. **FINDING:** **CONSISTENCY** – The Project, as conditioned, is consistent with the applicable plans and policies which designate this area as appropriate for development.
EVIDENCE: a) During the course of review of this application, the project has been reviewed for consistency with the text, policies, and regulations in:
 - the 2010 County of Monterey General Plan;
 - Central Salinas Valley Area Plan
 - County of Monterey Zoning Ordinance (Title 21);No conflicts were found to exist. No communications were received during the course of review of the project indicating any inconsistencies with the text, policies, and regulations in these documents.
b) **Project Description.** The project includes co-location of a wireless communication facility, including 8 antennas, fourteen remote radio units, three surge suppression systems, and one microwave dish antenna on an established, approved wireless communication facility, including a 50-foot tall steel self-support tower antenna structure. The co-location will occur at 29 feet in height of the existing 50-foot tower. Additionally, one walk in cabinet shelter, one GPS antenna, and one

diesel generator will also be constructed within the 40 by 40 foot lease area

- c) Allowed Use. The property is located at 51950 Pine Canyon Road (Assessor's Parcel Number 420-071-067-000), Central Salinas Valley Area Plan. The parcel has split zoning of Permanent Grazing /40 acres per unit, Rural Grazing/20 acres per unit, and Low Density Residential / 5 acres per unit. The proposed site is within the Permanent Grazing/ 40 acre building site minimum (PG/40) zoning category, which allows the co-location of a wireless communication facilities subject to an Administrative Permit pursuant to Title 21 section 21.34.040.H. Additionally, Title 21sSection 21.64.310 establishes regulations for such facilities (see Finding 7). Therefore, the project is an allowed land use for this site.
- d) Lot Legality. The parcel (Assessor's Parcel Number 420-071-067-000) is shown in its current configuration as 158 acres and is identified in County of Monterey Assessor's Map Book 420, Page 7, Parcel 67. Therefore, the County recognizes the subject property as a legal lot of record.
- e) Design and Visual Resources. The subject property zoning district does not include a Design Control Overlay (see Evidence c) and therefore is not subject to the regulations outlined in Title 21.44. However, according to Monterey County Geographic Information System (GIS) records and Figure 13 (Central Salinas Valley Scenic Highway Corridors and Visual Sensitivity Map) identify the parcel as Highly Sensitive. Pursuant to Policy CSV-3.1 in the Central Salinas Area Plan states that within areas designated as "sensitive" or "highly sensitive" on Figure 13, landscaping or new development may be permitted if the development is located and designed in such a manner that public views are not disrupted. The co-location does not disrupt public views although it is identified as highly sensitive and may be permitted as the development is located and designed in such a manner that public views are not disrupted. The colors and materials proposed are to match the existing monopole. Therefore, the proposed development is consistent with the neighborhood and community character
- f) Cultural Resources. County of Monterey Geographic Information System (GIS) records identifies the subject property to be within a moderate and high archaeological sensitivity area; however, the property is not within a known or potential archaeological resource area. The co-location is sited in the moderate archaeological sensitivity area of the subject property. An archaeological report is not required under the Title 21 section 21.66.050 as the project site location is within a moderate archaeological sensitivity area and the project does not require an environmental assessment. The applicant still submitted an Archaeological report (LIB190089) that concluded negative results. There is no evidence that any cultural resources would be disturbed due to the co-location, and the potential for inadvertent impacts to cultural resources is limited. This will be controlled by application of the County's standard project condition (Condition No. 3), which requires the contractor to stop work if previously unidentified resources are discovered during construction

- g) Wireless Telecommunication Facility. As demonstrated in Finding 6, the project is consistent with the regulations for siting and design of WCF contained in Title 20 Section 21.64.310.
- h) Land Use Advisory Committee (LUAC) Review. The project was not referred a Land Use Advisory Committee (LUAC) for review, as one does not exist for the Central Salinas Valley planning area.
- i) The application, project plans, and related support materials submitted by the project applicant to County of Monterey HCD-Planning are found in Project File PLN250162.

2. FINDING: **SITE SUITABILITY** – The site is physically suitable for the use proposed.

EVIDENCE:

- a) The project has been reviewed for site suitability by the following departments and agencies: HCD- Planning, South County Fire Protection District, HCD-Public Works, HCD-Environmental Services, and the Environmental Health Bureau. There has been no indication from these departments/agencies that the site is not suitable for the proposed development. Conditions recommended have been incorporated.
- b) The following reports have been prepared:
 - “Phase I Cultural Assessment AT&T Mobility, LLC Facility Candidate ‘CCL04830’, King City, County of Monterey, California” (LIB190089) prepared by Helix Environmental Planning, Irvine, CA December 5, 2018.
 - “Radio Frequency- Electromagnetic Energy (RF-EME) Compliance Report” (LIB250405) prepared by Global Technology Associates, October 23, 2025The above-mentioned technical reports by outside consultants indicated that there are no physical or environmental constraints that would indicate that the site is not suitable for the use proposed. County staff has independently reviewed these reports and concurs with their conclusions.
- c) Staff conducted a virtual site inspection on December 12, 2025, to verify that the site is suitable for this use.
- d) The application, project plans, and related support materials submitted by the project applicant to County of Monterey HCD-Planning are found in Project File PLN250162.

3. FINDING: **HEALTH AND SAFETY** - The establishment, maintenance, or operation of the project applied for will not under the circumstances of this particular case be detrimental to the health, safety, peace, morals, comfort, and general welfare of persons residing or working in the neighborhood of such proposed use, or be detrimental or injurious to property and improvements in the neighborhood or to the general welfare of the County.

EVIDENCE:

- a) The project was reviewed by HCD-Planning, HCD-Developmental Services, HCD-Environmental Services, South County Fire Protection District, and the Environmental Health Bureau. The respective agencies have recommended conditions, where appropriate, to ensure that the

project will not have an adverse effect on the health, safety, and welfare of persons either residing or working in the neighborhood.

- b) This is an unmanned wireless facility; necessary facilities are provided. This project would not alter these facilities. The Environmental Health Bureau has reviewed the project and made no comments.
- c) A Radio-Frequency Electromagnetic (RF-EME) Modeling Report was prepared for the project. The RF-EME report indicated that there are no physical or environmental impacts resulting from radio frequency emissions that would be detrimental to public health and safety. This report is consistent with applicable requirements of the Federal Communications Commission (FCC).
- d) Staff conducted a virtual site inspection on December 12, 2025, to verify that the site is suitable for this use.
- e) The application, project plans, and related support materials submitted by the project applicant to County of Monterey HCD-Planning are found in Project File PLN250162.

4. FINDING: **NO VIOLATIONS** - The subject property is in compliance with all rules and regulations pertaining to zoning uses, subdivision, and any other applicable provisions of the County's zoning ordinance. No violations exist on the property.

EVIDENCE:

- a) Staff reviewed County of Monterey HCD-Planning and HCD-Building Services records and is not aware of any violations existing on subject property.
- b) Staff conducted a virtual site inspection on December 12, 2025, and researched County records to assess if any violation exists on the subject property.
- c) The application, plans and supporting materials submitted by the project applicant to County of Monterey HCD-Planning for the proposed development are found in Project File PLN250162.

5. FINDING: **CEQA (Exempt):** - The project is categorically exempt from environmental review and no unusual circumstances were identified to exist for the proposed project.

EVIDENCE:

- a) California Environmental Quality Act (CEQA) Guidelines Section 15301 categorically exempts the construction and location of new, small facilities or structures.
- b) The project involves the co-location of a new small wireless telecommunications facility, measuring at 29 feet on an existing 50 feet tall monopole in a 1,600 square foot fenced area.
- c) No adverse environmental effects were identified during staff review of the development application during a virtual site visit on December 12, 2025.
- d) None of the exceptions under CEQA Guidelines Section 15300.2 apply to this project. The project does not involve alterations to a designated historical resource, a hazardous waste site, nor development that would result in a cumulatively significant impact. Although the project is visible from Highway 1 and constitutes development within the Critical Viewshed, as demonstrated in Finding Nos. 2 and 6, supporting evidence, the development is rural in design, compatible with the

surrounding environment, and will not have an adverse impact on public or visual access. There are no unusual circumstances associated with undertaking the project that would create a reasonable possibility that the project would have a significant effect on the environment.

- e) The application, project plans, and related support materials submitted by the project applicant to County of Monterey HCD-Planning for the proposed development found in Project File PLN250162.

7. FINDING

WIRELESS COMMUNICATIONS FACILITIES – The development of the proposed wireless communications facility will not significantly affect any designated public viewing area, scenic corridor, or any identified environmentally sensitive area or resources. The site is adequate for the proposed development of the wireless communications facility, and the applicant has demonstrated that it is the most adequate for the provision of services as required by the Federal Communications Commission (FCC). The proposed wireless communication facility complies with all applicable requirements of County of Monterey Code (MCC) Section 21.64.310. The subject property on which the wireless communication facility is to be built is in compliance with all rules and regulations pertaining to zoning uses, subdivisions, and any other applicable provisions of MCC, and that all zoning violation abatement costs, if any, have been paid. The proposed telecommunication facility will not create a hazard for aircraft in flight.

EVIDENCE:

- a) The project consists of the co-location of a wireless communications facility on an existing 50-foot monopole at the height of 29-feet, and associated improvements. The site is located at 51950 Pine Canyon Road, King City.
- b) Pursuant to the requirements in MCC Section 21.64.310(C)(5) the County analyzed potential visual impacts which could result from the placement of the facility, and finds that the proposed facility will not create a significant visual impact from adjacent properties or roadways. The subject property is not in a designated Visually Sensitive area pursuant to MCC Title 21, however, according to Monterey County Geographic Information System (GIS) records identify the parcel as highly sensitive. The proposed facility will be visible from adjacent properties and from Pine Canyon Road; however, the facility will only be visible for a short time from Pine Canyon Road, and will be 0.75 miles away from the road. Although the established facility is at 50 feet in height, the proposed co-location will be at 29 feet. The facility will be barely noticeable to the average passing motorist. The facility may be visible looking across the street from San Antonio Park within King City, however, this site is 2.5 miles from the proposed project and the staff site visit to this location revealed it could not be seen with the naked eye. Using a telephoto lens, an existing tower on an adjacent peak was barely visible; however, the proposed tower is at a higher elevation than this existing tower, and thus is more visible than the proposed tower would be. San Lorenzo County Park is located approximately 2.5 miles away from the proposed site. Visibility would be similar from this location; however, topography and vegetation further limit views of the ridgeline from this location. Conditions have been incorporated that

require non-glare color treatment, that would reduce the visual impacts in the event of technological advances, and that would require removal and restoration of the site in case of termination of use (Condition Nos. 6 and 8).

- c) Title 21 section 21.64.310(H)(b) encourages co-location of facilities. While the existing pole will not be replaced and have minor additions, these additions will not substantially alter the visual impact of the existing metal tower as it is a co-location, when viewed from Pine Canyon Road. Title 21 section 21.64.310 encourages co-location of wireless facilities when possible. Co-location opportunities were analyzed for the proposed project, which the existing WCF on the subject property is proposed to be used for co-location, meeting the coverage objectives identified in the plan provided. Photographic simulations provided by the applicant illustrate that there is not a significant increase to the visually perceived bulk or height of the existing tower. The project includes a condition to encourage future co-location by other wireless carriers (Condition No. 6).
- d) The project is consistent with MCC Chapter 21.86, Airport Approach Zoning, and does not require review by the County of Monterey Airport Land Use Commission. This project does not affect any aircraft zones identified in MCC Section 21.86.050, and the proposed height is within the limitations outlined in MCC Section 21.86.060.
- e) The project does not penetrate a FAR Part 77 Imaginary Surface. The project site is located approximately 4.5 miles (23,760 linear feet) From the Mesa Del Rey Airport, the nearest public use airport. If deemed necessary by the FCC, warning lights would be located on top of the structure to prevent conflict with any aircraft when visibility is limited.
- f) The project planner reviewed the project application materials and plans, as well as the County's GIS database, to verify that the project on the subject parcel conforms to the plans listed above and that the site is suitable for this use. The application, plans, and supporting materials submitted by the project applicant to County of Monterey HCD-Planning for the proposed development are found in Project File PLN250162.

6. **FINDING:** **APPEALABILITY** - The decision on this project may be appealed to the Planning Commission.

EVIDENCE: Section 21.80.040(A) of the County of Monterey Zoning Ordinance (Title 21) states that the proposed project is appealable to the Planning Commission.

DECISION

NOW, THEREFORE, based on the above findings and evidence, the Chief of Planning does hereby:

1. Find the project is a small structure, which qualifies for a Class 1 Categorical Exemption per Section 15301 of the CEQA Guidelines and does not meet any of the exceptions under Section 15300.2;
2. Approve an Administrative Permit to allow the co-location of a wireless communications facility at 29-foot height on an existing 50-foot-tall monopole with associated improvements.

in general conformance with the attached sketch and subject to the attached conditions, all being attached hereto and incorporated herein by reference.

PASSED AND ADOPTED this 21st day of January, 2026.

Melanie Beretti, AICP
Chief of Planning

COPY OF THIS DECISION MAILED TO APPLICANT ON _____.

THIS APPLICATION IS APPEALABLE TO THE PLANNING COMMISSION.

IF ANYONE WISHES TO APPEAL THIS DECISION, AN APPEAL FORM MUST BE COMPLETED AND SUBMITTED TO THE CLERK OF THE BOARD ALONG WITH THE APPROPRIATE FILING FEE ON OR BEFORE _____.

This decision, if this is the final administrative decision, is subject to judicial review pursuant to California Code of Civil Procedure Sections 1094.5 and 1094.6. Any Petition for Writ of Mandate must be filed with the Court no later than the 90th day following the date on which this decision becomes final.

NOTES

1. You will need a building permit and must comply with the County of Monterey Building Ordinance in every respect.

Additionally, the Zoning Ordinance provides that no building permit shall be issued, nor any use conducted, otherwise than in accordance with the conditions and terms of the permit granted or until ten days after the mailing of notice of the granting of the permit by the appropriate authority, or after granting of the permit by the Board of Supervisors in the event of appeal.

Do not start any construction or occupy any building until you have obtained the necessary permits and use clearances from County of Monterey HCD-Planning and HCD-Building Services Department office in Salinas.

2. This permit expires 3 years after the above date of granting thereof unless construction or use is started within this period.

County of Monterey HCD Planning

DRAFT Conditions of Approval/Implementation Plan/Mitigation Monitoring and Reporting Plan

PLN250162

1. PD001 - SPECIFIC USES ONLY

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: This Administrative Permit (PLN250162) allows the co-location of a wireless communications facility at 29-foot height on an existing 50-foot tall monopole with associated improvements. The property is located at 51950 Pine Canyon Road, King City (Assessor's Parcel Number 420-071-067-000), Greater Salinas Valley Area Plan. This permit was approved in accordance with County ordinances and land use regulations subject to the terms and conditions described in the project file. Neither the uses nor the construction allowed by this permit shall commence unless and until all of the conditions of this permit are met to the satisfaction of the Director of HCD - Planning. Any use or construction not in substantial conformance with the terms and conditions of this permit is a violation of County regulations and may result in modification or revocation of this permit and subsequent legal action. No use or construction other than that specified by this permit is allowed unless additional permits are approved by the appropriate authorities. To the extent that the County has delegated any condition compliance or mitigation monitoring to the Monterey County Water Resources Agency, the Water Resources Agency shall provide all information requested by the County and the County shall bear ultimate responsibility to ensure that conditions and mitigation measures are properly fulfilled. (HCD - Planning)

Compliance or Monitoring Action to be Performed: The Owner/Applicant shall adhere to conditions and uses specified in the permit on an on-going basis unless otherwise stated.

2. PD002 - NOTICE PERMIT APPROVAL

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: The applicant shall record a Permit Approval Notice. This notice shall state: "An Administrative Permit (Resolution Number _____) was approved by Chief of Planning for Assessor's Parcel Number 420-071-067-000 on January 21, 2026. The permit was granted subject to 7 conditions of approval which run with the land. A copy of the permit is on file with Monterey County HCD - Planning."

Proof of recordation of this notice shall be furnished to the Director of HCD - Planning prior to issuance of grading and building permits, Certificates of Compliance, or commencement of use, whichever occurs first and as applicable. (HCD - Planning)

Compliance or Monitoring Action to be Performed: Prior to the issuance of grading and building permits, certificates of compliance, or commencement of use, whichever occurs first and as applicable, the Owner/Applicant shall provide proof of recordation of this notice to the HCD - Planning.

3. PD003(A) - CULTURAL RESOURCES NEGATIVE ARCHAEOLOGICAL REPORT

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: If, during the course of construction, cultural, archaeological, historical or paleontological resources are uncovered at the site (surface or subsurface resources) work shall be halted immediately within 50 meters (165 feet) of the find until a qualified professional archaeologist can evaluate it. Monterey County HCD - Planning and a qualified archaeologist (i.e., an archaeologist registered with the Register of Professional Archaeologists) shall be immediately contacted by the responsible individual present on-site. When contacted, the project planner and the archaeologist shall immediately visit the site to determine the extent of the resources and to develop proper mitigation measures required for recovery.
(HCD - Planning)

Compliance or Monitoring Action to be Performed: The Owner/Applicant shall adhere to this condition on an on-going basis.

Prior to the issuance of grading or building permits and/or prior to the recordation of the final/parcel map, whichever occurs first, the Owner/Applicant shall include requirements of this condition as a note on all grading and building plans. The note shall state "Stop work within 50 meters (165 feet) of uncovered resource and contact Monterey County HCD - Planning and a qualified archaeologist immediately if cultural, archaeological, historical or paleontological resources are uncovered."

When contacted, the project planner and the archaeologist shall immediately visit the site to determine the extent of the resources and to develop proper mitigation measures required for the discovery.

4. PD039(B) - WIRELESS REDUCE VISUAL IMPACTS

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: The applicant shall agree in writing that if future technological advances allow for reducing the visual impacts of the telecommunication facility, the applicant shall make modifications to the facility accordingly to reduce the visual impact as part of the facility's normal replacement schedule. (HCD - Planning)

Compliance or Monitoring Action to be Performed: Prior to the issuance of grading or building permits, the Owner/Applicant shall submit, in writing, a declaration agreeing to comply with the terms of this condition HCD - Planning for review and approval.

5. PD039(C) - WIRELESS CO-LOCATION

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: The applicant and/or successors assigns shall encourage co-location by other wireless carriers on this tower assuming appropriate permits are approved for co-location. Any expansion or additions of microwave dishes, antennas and/or similar appurtenances located on the monopole, which are not approved pursuant to this permit, are not allowed unless the appropriate authority approves additional permits or waivers. In any case, the overall height of the pole shall not exceed the specified height. (HCD - Planning)

Compliance or Monitoring Action to be Performed: On an on-going basis, the Owner/Applicant shall encourage co-location by other wireless carriers on this tower assuming appropriate permits are approved for co-location. The overall height of the pole shall not exceed 50 feet.

6. PD039(D) - WIRELESS REMOVAL

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: If the applicant abandons the facility or terminates the use, the applicant shall remove the monopole, panel antennas, and equipment shelter. Upon such termination or abandonment, the applicant shall enter into a site restoration agreement subject to the approval of the Director of HCD - Planning and County Counsel. The site shall be restored to its natural state within six (6) months of the termination of use or abandonment of the site.
(HCD - Planning)

Compliance or Monitoring Action to be Performed: Prior to abandoning the facility or terminating the use, the Owner/Applicant shall submit a site restoration agreement to HCD - Planning subject to the approval of the HCD - Director of Planning and County Counsel.

Within 6 months of termination of use or abandonment of the site, the Owner Applicant shall restore the site to its natural state.

7. PD039(E) - WIRELESS EMISSION

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: The facility must comply with Federal Communications Commission (FCC) emission standards. If the facility is in violation of FCC emission standards, the Director of HCD - Planning shall set a public hearing before the Appropriate Authority whereupon the appropriate authority may, upon a finding based on substantial evidence that the facility is in violation of the then existing FCC emission standards, revoke the permit or modify the conditions of the permit. (HCD - Planning)

Compliance or Monitoring Action to be Performed: Prior to commencement of use and on an on-going basis, the Owner/Applicant shall submit documentation demonstrating compliance with the FCC emission standards to the Director of HCD-Planning for review and approval.

On an on-going basis, if the facility is in violation of FCC emission standards, the Director of HCD-Planning shall set a public hearing before the Appropriate Authority to consider revocation or modification of the permit.

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T-MOBILE SITE NUMBER:

SFL0050A

SITE NAME:

AT&T: KING CITY

SITE LOCATION:

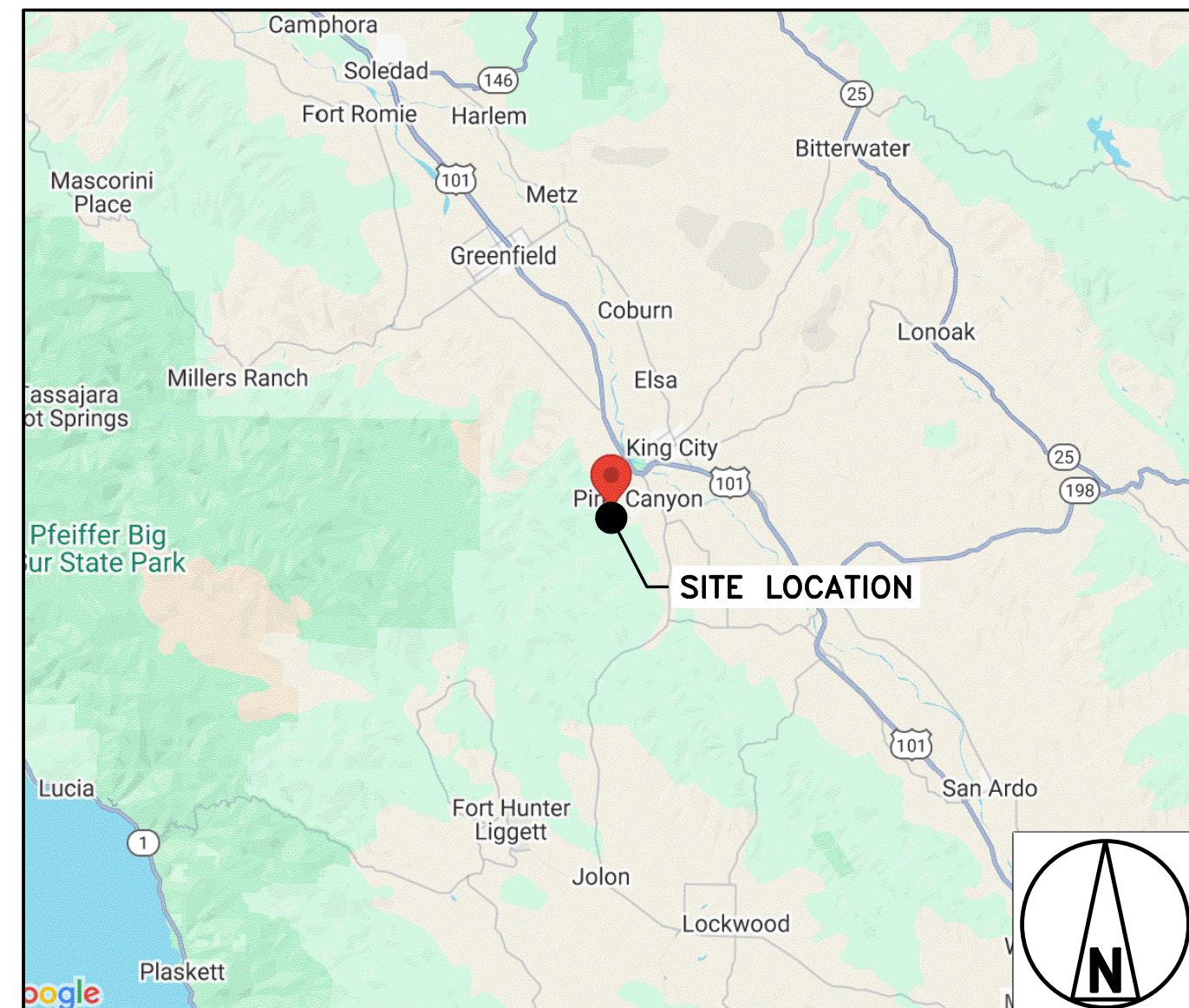
51950 PINE CANYON RD
KING CITY, CA 93930

COVERAGE STRATEGY

LEGAL DESCRIPTION:

SEE SURVEY BY OTHERS

VICINITY MAP



UTILITY COMPANIES:

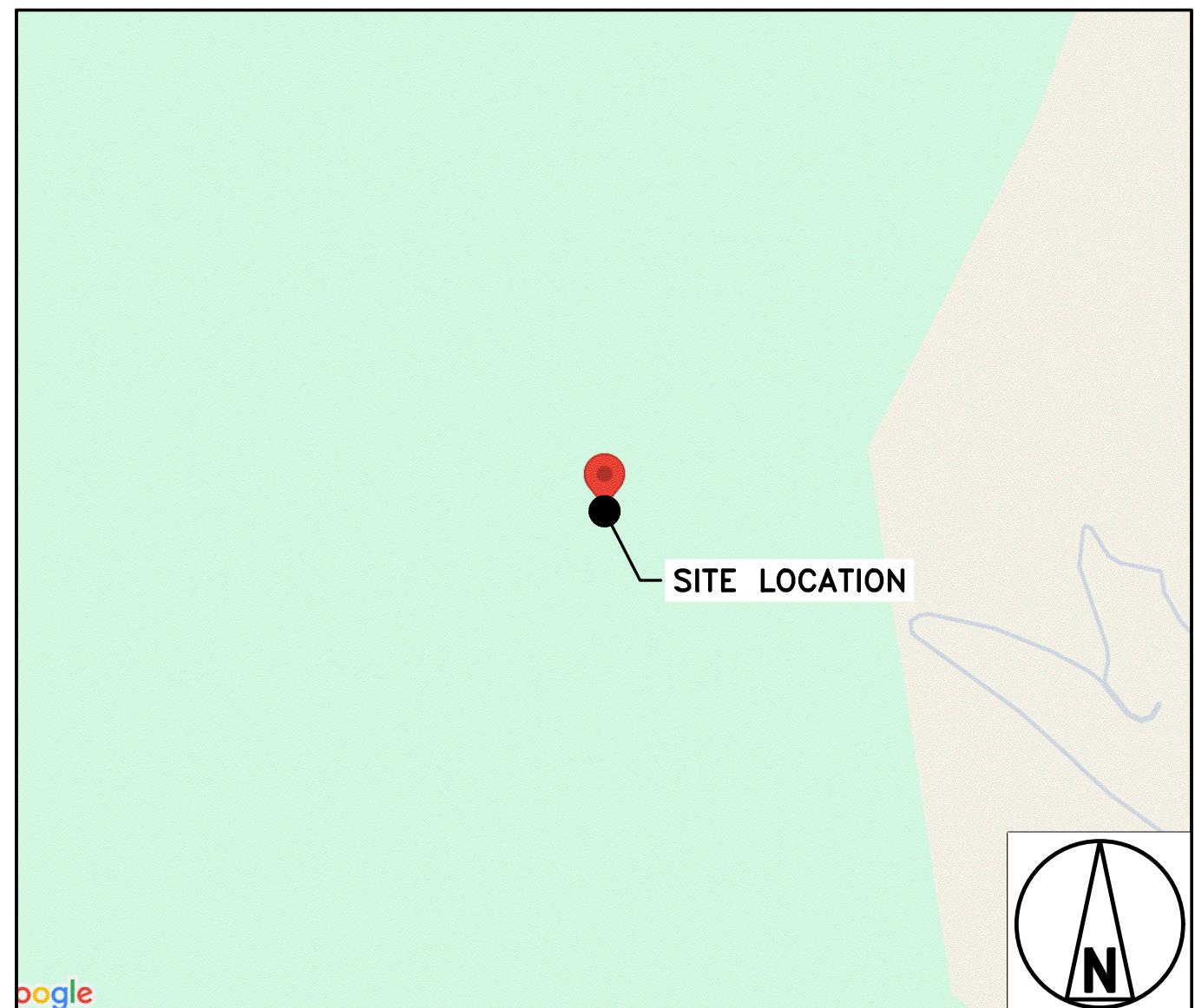
POWER:

PG&E

BACKHAUL/AAV:

AT&T

LOCATION MAP



DRIVING DIRECTIONS:

FROM LOCAL T-MOBILE SAN FRANCISCO INTERNATIONAL AIRPORT: GET ON US-101 S FROM AIRPORT ACCESS RD, 1.4 MI. MERGE ONTO US-101 S, 138 MI. TAKE EXIT 283 TO MERGE ONTO JOLON RD, 0.3 MI. MERGE ONTO JOLON RD, 0.3 MI. TURN RIGHT ONTO PINE CANYON RD, 1.4 MI. TURN RIGHT, 0.7 MI. SLIGHT LEFT, 0.1 MI. TURN RIGHT, 1.0 MI. DESTINATION WILL BE STRAIGHT AHEAD.

REVIEWERS SHALL CLEARLY PLACE INITIALS ADJACENT TO EACH REDLINE NOTE AS DRAWINGS ARE BEING REVIEWED

APPROVED BY:	DATE:	SIGNATURE:	APPROVED BY:	DATE:	SIGNATURE:
PROJECT MANAGER:			RF ENGINEER:		
SITE ACQUISITION:			OPERATIONS MANAGER:		
ZONING:			DEVELOPMENT MANAGER:		
CONSTRUCTION MANAGER:			REGULATORY:		
CONSTRUCTION MANAGER:					



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PROJECT CONTACT LIST:

APPLICANT:

T-MOBILE USA, INC.
1200 CONCORD AVENUE SUITE 500
CONCORD CA 94520
PROJECT MANAGER: VANESSA
MEYER-CROOKS
VANESSA.MEYERCROOKS1@T-MOBILE.COM
PHONE: 360-936-7785

PROPERTY OWNER:

CUERVO HOLDINGS LP
PO BOX 3310
GREENFIELD, CA 93927

PROJECT A&E:

P. MARSHALL & ASSOCIATES, LLC.
6801 PORTWEST DR., #100
HOUSTON, TX 77024
PROJECT ENGINEER:
CHAD WILHOIT, P.E.
CWILHOIT@PMASS.COM
PROJECT MANAGER:
REESE MINOGUE
RMINOGUE@PMASS.COM

SITE ACQUISITION & PERMITTING:

NETWORK CONNEX
7543 WOODLEY AVE.
VAN NUYS, CA 94106
CONTACT: SAMANTHA ALPHA
SALPHA@NETWORKCONNEX.COM

TOWER OWNER:

AT&T TOWER
500 EXECUTIVE PKWY
SAN RAMON, CA 94583
CONTACT: REBECCA MONTEZ
MO'CONNOR@TOWERCO.COM
PHONE: 951-240-2925

CONSTRUCTION MANAGER:

NETWORK CONNEX
7543 WOODLEY AVE.
VAN NUYS, CA 94106
CONTACT: BRANDON ALDIS
BALDIS@NETWORKCONNEX.COM
PHONE: 971-240-3343

PROJECT INFORMATION:

CODE INFORMATION:

ZONING CLASSIFICATION: PG

BUILDING CODE: 2022 OSSC/2021 IBC, 2022 OMSC/2021 IMC,
2021 OESC/2020 NEC

CONSTRUCTION TYPE: IIB
OCCUPANCY: U.S.-2
JURISDICTION: COUNTY OF MONTEREY
PROPOSED BUILDING USE: UNMANNED TELECOM

SITE LOCATION (NAD88):

LATITUDE: 36.1758389°
LONGITUDE: -121.168914°
TOP OF STRUCTURE: 1508.0' AMSL 50.0" AGL
BASE OF STRUCTURE: 908' AMSL 0.0' AGL
STRUCTURE TYPE: MONOPOLE

PROJECT LEASE AREA:

150 SF

PARCEL NUMBER:

420-071-067-000

NEW IMPERVIOUS AREA:

0 SF

AREA OF PARCEL:

156 ACRES

GENERAL INFORMATION:

PARKING REQUIREMENTS ARE UNCHANGED
TRAFFIC IS UNAFFECTED
SIGNAGE IS PROPOSED

DRAWING INDEX:

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PROJECT DESCRIPTION:

T-MOBILE PROPOSES (PER RFDS COVERAGE STRATEGY) TO MODIFY AN EXISTING UNMANNED TELECOMMUNICATIONS FACILITY WITH:

TOWER SCOPE OF WORK:

- INSTALL (1) SITE PRO 1 COLLAR MOUNT, P/N: MSFAA
- INSTALL (3) SITE PRO 1 ANTENNA SECTOR MOUNTS, P/N: VFA10-HD
- INSTALL (3) ERICSSON AIR 6419 B41 ANTENNAS
- INSTALL (1) ANDREW VHLPI-11W MICROWAVE
- INSTALL (2) CERAGON FIBEAR IP-20A RFU-D-HP ODU'S
- INSTALL (3) AMPHENOL APXVAALL24M-U-J20 ANTENNAS
- INSTALL (3) ERICSSON RADIO 4460 B25+B66 RRU'S
- INSTALL (3) ERICSSON RADIO 4480 B71+B85 RRU'S
- INSTALL (2) 1-5/8" 6/24 4AWG HCS CABLES 10M
- INSTALL (1) ROTEC PC200 2" CORRUGATED INNERDUCT RUN FOR ALL MICROWAVE CABLES
- INSTALL (2) AMPHENOL FIBER OPTIC DUPLEX ARMOR I/O_TMO CABLES
- INSTALL (2) AMPHENOL FIBER OPTIC 2CX14AWG_TMO CABLES

GROUND SCOPE OF WORK:

- INSTALL (1) 10'-0"X15'-0" CONCRETE EQUIPMENT PAD
- INSTALL (1) 6160 CABINET W/ INTERNAL BASEBANDS PER RFDS: (2) RP 6651 & (1) CSR IXRE V2
- INSTALL (1) B160 BATTERY CABINET W/ (4) BATTERY STRINGS
- INSTALL (1) UTILITY FRAME W/: (1) 200A PPC W/ CAMLOK, (1) METER/DISCONNECT, (1) CIENA, (1) TELCO BOX, (1) LED LIGHT W/ TIMER
- INSTALL (2) HOFFMAN CABLE WINDER/SLACK CAN, P/N: A242408LP, MOUNTED ON (N) ICE BRIDGE POST
- INSTALL (1) 24" WIDE ICE BRIDGE & (1) GPS ANTENNA
- INSTALL GROUND RING W/ TEST WELLS, POWER & FIBER TRANCHE(S), PROVIDE ELECTRICIAN, PROVIDE PRIVATE LOCATES & SITE SIGNAGE
- INSTALL (1) 2" RIGID CONDUIT FROM WINDER BOX TO T-MOBILE CABINET

PLANS PREPARED FOR:
T-Mobile
1200 CONCORD AVENUE SUITE 500
CONCORD CA 94520

PLANS PREPARED BY:
PM&A
P. MARSHALL & ASSOCIATES
6801 PORTWEST DR., SUITE 100
HOUSTON, TX 77024

OEM:
NETWORK CONNEX

MLA PARTNER:
ENGINEERING SEAL:
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REVISIONS:

DESCRIPTION	DATE	BY	REV
PRELIMINARY	03/07/2025	DAD	A
PRELIMINARY	05/14/2025	SM	B
PRELIMINARY	06/06/2025	SM	C

SITE NAME:
AT&T: KING CITY

SITE NUMBER:
SFL0050A

SITE ADDRESS:
**51950 PINE CANYON RD
KING CITY, CA 93930**

PM&A PROJECT:
25TMO_08N-004

SHEET DESCRIPTION: **SHEET**

SHEET NUMBER:
T-1

GENERAL CONSTRUCTION NOTES

1. ALL WORK SHALL ADHERE TO THE REQUIREMENTS OF THE LOCAL BUILDING CODE (LATEST EDITION), AND ALL OTHER APPLICABLE CODES AND ORDINANCES AS REQUIRED BY THE JURISDICTION.
2. CONTRACTOR SHALL CONSTRUCT SITE IN ACCORDANCE WITH THESE DRAWINGS AND THE CARRIER INTEGRATED CONSTRUCTION STANDARDS FOR WIRELESS SITES (LATEST REVISION). SPECIFICATIONS ARE THE RULING DOCUMENTS, AND ANY DISCREPANCIES BETWEEN THE SPECIFICATIONS AND THESE DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD (EOR) PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. THE DRAWINGS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY, UNLESS OTHERWISE NOTED. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT AND APPURTENANCES, AND LABOR NECESSARY TO EFFECT ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
4. CONTRACTOR SHALL VISIT THE JOB SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. FIELD CONDITIONS INCLUDING DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN IN THE DRAWINGS PRIOR TO PROCEEDING WITH CONSTRUCTION, IS REQUIRED, ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE EOR PRIOR TO THE COMMENCEMENT OF WORK. NO COMPENSATION WILL BE AWARDED BASED ON CLAIM OF LACK OF KNOWLEDGE OF FIELD CONDITIONS.
5. DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS REQUIRED CLEARANCE, THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS, AND SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, EXISTING CONDITIONS AND/OR DESIGN INTENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE WORK.
6. DETAILS ARE INTENDED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
7. CONTRACTOR SHALL RECEIVE CLARIFICATION IN WRITING, AND SHALL RECEIVE IN WRITING AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEMS NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
8. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE BEST CONSTRUCTION SKILLS AND ATTENTION. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER CONTRACT, UNLESS OTHERWISE NOTED.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFORM TO ALL OSHA REQUIREMENTS.
4. CONTRACTOR SHALL COORDINATE HIS WORK WITH THE SUPERINTENDENT OF BUILDINGS & GROUNDS AND SCHEDULE HIS ACTIVITIES AND WORKING HOURS IN ACCORDANCE WITH THE REQUIREMENTS.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK OF OTHERS AS IT MAY RELATE TO RADIO EQUIPMENT, ANTENNAS AND ANY OTHER PORTIONS OF THE WORK.
12. INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
13. MAKE NECESSARY PROVISIONS TO PROTECT EXISTING SURFACES, EQUIPMENT, IMPROVEMENTS, PIPING ETC. AND IMMEDIATELY REPAIR ANY DAMAGE THAT OCCURS DURING CONSTRUCTION.
14. IN DRILLING HOLES INTO CONCRETE WHETHER FOR FASTENING OR ANCHORING PURPOSES, OR PENETRATIONS THROUGH THE FLOOR FOR CONDUIT RUNS, PIPE RUNS, ETC., MUST BE CLEARLY UNDERSTOOD THAT REINFORCING STEEL SHALL NOT BE DRILLED INTO, CUT OR DAMAGED UNDER ANY CIRCUMSTANCES (UNLESS NOTED OTHERWISE). LOCATIONS OF REINFORCING STEEL ARE NOT DEFINITELY KNOWN AND THEREFORE MUST BE SEARCHED FOR BY APPROPRIATE METHODS AND EQUIPMENT.
15. REPAIR ALL EXISTING WALL SURFACES DAMAGED DURING CONSTRUCTION SUCH THAT THEY MATCH AND BLEND IN WITH ADJACENT SURFACES.
16. SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH U.L. LISTED AND FIRE CODE APPROVED MATERIALS.
17. KEEP CONTRACT AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, AND RUBBISH. EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OF THE OWNER SHALL BE REMOVED. LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ITEMS UNTIL COMPLETION OF CONSTRUCTION.
18. MINIMUM BEND RADIUS OF ANTENNA CABLES SHALL BE IN ACCORDANCE WITH CABLE MANUFACTURERS RECOMMENDATIONS.
19. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF THE ENGINEER.
20. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION SHALL BE IN CONFORMANCE WITH JURISDICTIONAL OR STATE AND LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL AND COORDINATED WITH LOCAL REGULATORY AUTHORITIES.
21. LIGHT SHADED LINES AND NOTES REPRESENT WORK PREVIOUSLY DONE. DARK SHADED LINES AND NOTES REPRESENT THE SCOPE OF WORK FOR THIS PROJECT. CONTRACTOR SHALL VERIFY IF EXISTING CONSTRUCTION IS COMPLETE. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY EXISTING CONDITIONS THAT DEVIATE FROM THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.
22. CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS AND/OR WIRING CERTIFICATES REQUIRED FOR THE ELECTRICAL SERVICE UPGRADE. IN ADDITION, CONTRACTOR SHALL PROVIDE ALL NECESSARY COORDINATION AND SCHEDULING WITH THE SERVING ELECTRICAL UTILITY AND LOCAL INSPECTION AUTHORITIES.
23. CONTRACTOR TO VERIFY ALL ASPECTS OF THE EXISTING STRUCTURE FOR CONFORMITY WITH THE VALUES SHOWN IN THESE DRAWINGS AND NOTIFY THE E.O.R. IF ANY DISCREPANCIES ARE FOUND. ALL ELEMENTS OF EXISTING STRUCTURE TO REMAIN UNDISTURBED, U.N.O.

SITE WORK NOTES

1. DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.
2. DO NOT SCALE BUILDING DIMENSIONS FROM DRAWING.
3. SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON AS-BUILT DRAWINGS BY GENERAL CONTRACTOR AND ISSUED TO ARCHITECT/ENGINEER AT COMPLETION OF PROJECT.
4. ALL EXISTING UTILITIES, FACILITIES, CONDITIONS AND THEIR DIMENSIONS SHOWN ON PLANS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS, THE ENGINEER AND OWNER ASSUME NOT RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING EXISTING UTILITIES.
5. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES BOTH HORIZONTALLY AND VERTICALLY PRIOR TO START OF CONSTRUCTION, ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT/ENGINEER FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT/ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND EXPENSE.
6. CONTRACTOR SHALL CALL LOCAL DIGGER HOT LINE FOR UTILITY LOCATIONS 48 HOURS PRIOR TO START OF CONSTRUCTION.
7. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK.
8. GRADING OF THE SITE WORK AREA IS TO BE SMOOTH AND CONTINUOUS IN SLOPE AND IS TO FEATHER INTO EXISTING GRADES AT THE GRADING LIMITS.
9. ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.
10. STRUCTURAL FILLS SUPPORTING PAVEMENTS SHALL BE COMPAKTED TO 95% OF MAXIMUM STANDARD PROCTOR DRY DENSITY.
11. NEW GRADES NOT IN BUILDING AND DRIVEWAY IMPROVEMENT AREA TO BE ACHIEVED BY FILLING WITH APPROVED CLEAN FILL AND COMPAKTED TO 95% OF STANDARD PROCTOR DENSITY.
12. ALL FILL SHALL BE PLACED IN UNIFORM LIFTS. THE LIFTS THICKNESS SHOULD NOT EXCEED THAT WHICH CAN BE PROPERLY COMPAKTED THROUGHOUT ITS ENTIRE DEPTH WITH THE EQUIPMENT AVAILABLE.
13. ANY FILLS PLACED ON EXISTING SLOPES THAT ARE STEEPER THAN 10 HORIZONTAL TO 1 VERTICAL SHALL BE PROPERLY BENCHED INTO THE EXISTING SLOPE AS DIRECTED BY A GEOTECHNICAL ENGINEER.
14. CONTRACTOR SHALL CLEAN ENTIRE SITE DAILY AFTER CONSTRUCTION SUCH THAT NO PAPERS, THRASH, WEEDS, BRUSH OR ANY OTHER DEPOSITS WILL REMAIN. ALL MATERIALS COLLECTED DURING CLEANING OPERATIONS SHALL BE DISPOSED OF OFF-SITE BY THE GENERAL CONTRACTOR.
15. ALL TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH THE IMPROVEMENTS SHALL BE PROTECTED BY THE GENERAL CONTRACTOR.
16. ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY GENERAL CONTRACTOR WITH LOCAL UTILITY COMPANY, TELEPHONE COMPANY, AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS LOCATION.

STRUCTURAL STEEL NOTES

1. ALL STEEL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION. STEEL SECTIONS SHALL BE IN ACCORDANCE WITH ASTM AS INDICATED BELOW:
 - W-SHAPES: ASTM A992, 50 KSI
 - ANGLES, BARS, CHANNELS, PLATES: ASTM A36, 36 KSI
 - HSS SECTIONS: ASTM 500, 46 KSI
 - PIPE SECTIONS: ASTM A53-B, 35 KSI
2. ALL EXTERIOR EXPOSED STEEL AND HARDWARE SHALL BE HOT DIPPED GALVANIZED.
3. ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "MANUAL OF STEEL CONSTRUCTION". PAINTED SURFACES SHALL BE TOUCHED UP. ALL WELDING SHALL BE PERFORMED IN AN APPROVED SHOP.
4. ALL BOLTS FOR STEEL TO STEEL CONNECTIONS TO BE PER ASTM A325. HOLES TO BE 1/16" DIA. LARGER THAN BOLT, U.N.O.
5. NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8"Ø ASTM A 307 BOLTS UNLESS NOTED OTHERWISE.
6. FIELD MODIFICATIONS ARE TO BE COATED WITH ZINC ENRICHED PAINT.
7. HOLES TO RECEIVE EXPANSION/WEDGE ANCHORS SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH AND DIAMETER. LOCATE AND AVOID CUTTING EXISTING REBAR OR TENDONS WHEN DRILLING HOLES IN Elevated CONCRETE SLABS OR CONCRETE WALLS.
8. USE AND INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER ICC & MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURES, THIRD PARTY SPECIAL INSPECTION IS REQUIRED FOR CONCRETE EXPANSION ANCHORS (I.E. SIMPSON STRONG-BOLT 2 WEDGE ANCHORS PER ESR-3037). INSTALLATION OF WEDGE ANCHORS IN MASONRY IS NOT PERMITTED.

SPECIAL INSPECTION NOTES

1. CONTRACTOR SHALL PROVIDE REQUIRED SPECIAL INSPECTIONS PERFORMED BY AN INDEPENDENT INSPECTOR, APPROVED BY CARRIER AND THE LOCAL JURISDICTION, AS REQUIRED BY IBC SECTION 1704 AND 1705 FOR THE FOLLOWING:
 - A. STRUCTURAL STEEL:
 - ALL HIGH STRENGTH BOLT INSTALLATIONS; BOLTING INSPECTION TASKS SHALL BE IN ACCORDANCE WITH TABLES N5.6-1, N5.6-2, AND N5.6-3 PER AISC 360-10.
 - FIELD WELDING (IF UTILIZED).
 - B. BOLTS AND ANCHORS IN CONCRETE:
 - RETROFIT ANCHORS IN CONCRETE (ASHESIVE/EPOXY, EXPANSION, WEDGE, OR SCREW TYPE ANCHORS); INSPECT SIZE, LENGTH, CLEANLINESS, AND INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS.
 - C. CONCRETE CONSTRUCTION:
 - VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH IBC SECTION 1705, TABLE 1705.3.
2. PROVIDE SPECIAL INSPECTIONS FOR OTHER ITEMS NOTED ON DRAWINGS TO CONFIRM COMPLIANCE WITH CONTRACT DOCUMENTS.
3. THE SPECIAL INSPECTOR SHALL PROVIDE A COPY OF THE REPORT TO THE OWNER, ARCHITECT, STRUCTURAL ENGINEER, CONTRACTOR, AND BUILDING OFFICIAL.

PLANS PREPARED FOR:
T-Mobile
 1200 CONCORD AVENUE SUITE 500
 CONCORD CA 94520

PLANS PREPARED BY:
PM&A
 P. MARSHALL & ASSOCIATES
 6801 PORTWEST DR., SUITE 100
 HOUSTON, TX 77024

OEM:
NETWORK CONNEX

MLA PARTNER:
ISSUED FOR REVIEW

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PRELIMINARY	03/07/2025	DAD	A	
PRELIMINARY	05/14/2025	SM	B	
PRELIMINARY	06/06/2025	SM	C	

SITE NAME:
AT&T: KING CITY

SITE NUMBER:
SFL0050A

SITE ADDRESS:
**51950 PINE CANYON RD
 KING CITY, CA 93930**

PM&A PROJECT:
25TMO_08N-004

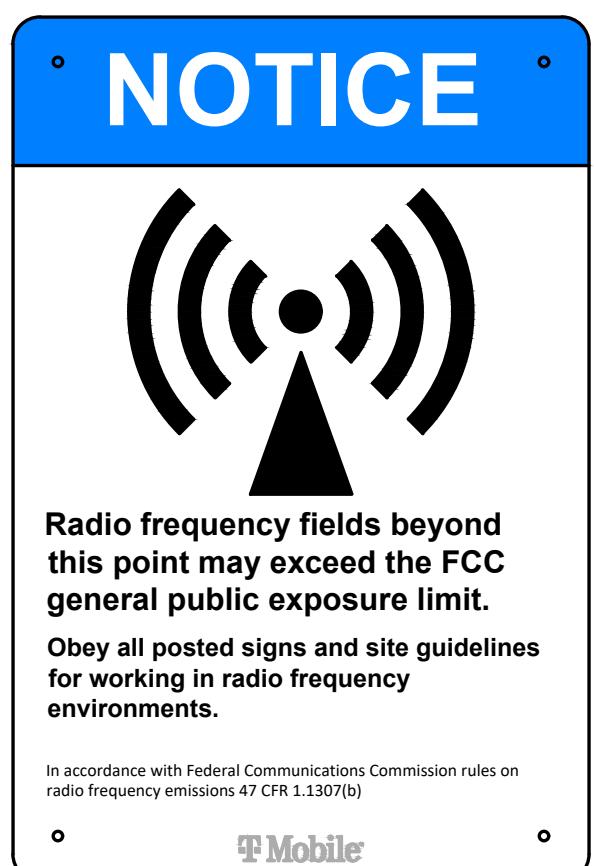
SHEET DESCRIPTION:
GENERAL NOTES

SHEET NUMBER:
GN-1

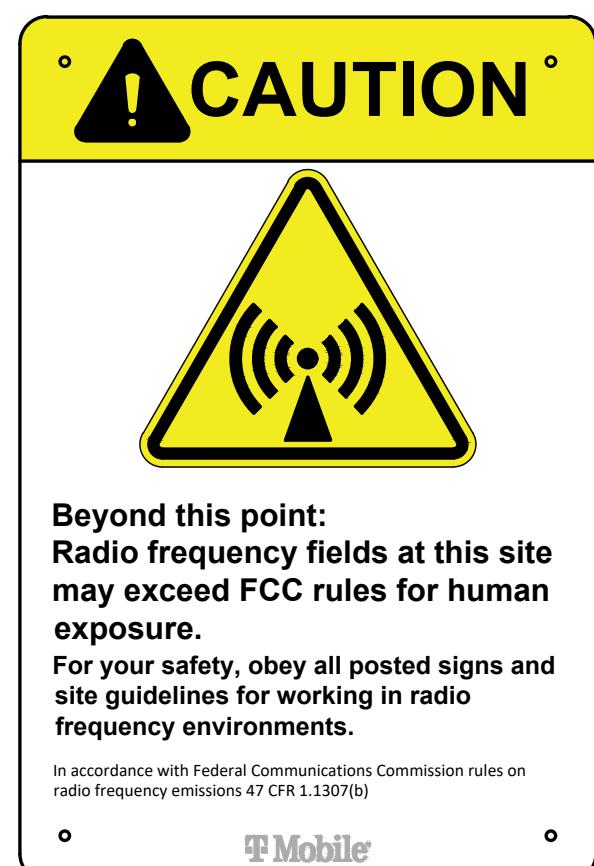
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PRELIMINARY		06/06/2025	SM	C



PART NO. TMO142862



PART NO. TMO142851



PART NO. TMO145771

FOR FUEL & OTHER
ENVIRONMENTAL
EMERGENCIES
CALL EH&S
1-800-566-9347
(1-800-KNOW-EHS)

EMERGENCY CONTACTS
T-MOBILE CONTACT: NAME
PHONE #: (XXX) XXX-XXXX
SITE OWNER CONTACT: NAME
PHONE #: (XXX) XXX-XXXX

PLACE ON EXTERIOR OF EXISTING SHELTER
OR NEAR EXISTING T-MOBILE LEASE AREA

5" X 3" SIGN

CONTRACTOR TO PROVIDE
REQUIRED SIGNAGE FOR ELECTRICAL
PANELS, DISCONNECTS, TRANSFER
SWITCHES, ETC. PER NATIONAL
ELECTRIC CODE ARTICLE 700.7

REQUIRED LABELING & SIGNAGE

PLACE ON EXTERIOR OF EXISTING SHELTER
OR NEAR EXISTING T-MOBILE LEASE AREA

5" X 3" SIGN

PART NO. TMO130956

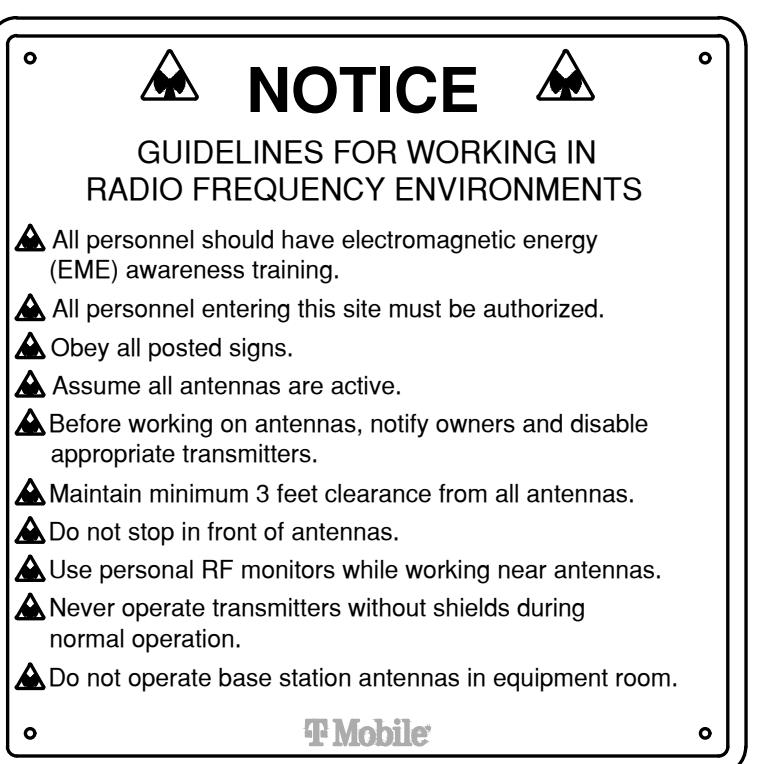
T Mobile

IN CASE OF AN EMERGENCY
CALL

1-888-218-6664

Site No: SFL0050A

Site Name: AT&T: KING CITY



T Mobile

DANGER
FLAMMABLE
LIQUIDS
DIESEL FUEL
210 GALLONS

PLACE ON (2) VISIBLE SIDES OF
NEW GENERATOR TANK

15" X 12" SIGN



PLACE ON (2) VISIBLE SIDES OF
NEW GENERATOR TANK

18" X 18" SIGN



PLACE ON VISIBLE SIDE OF
NEW GENERATOR TANK

10" X 7" SIGN

SITE SIGNAGE REQUIREMENTS

NOT TO SCALE

GN-2

SITE PLAN DISCLAIMER:

PROPERTY LINES AND STRUCTURES HAVE BEEN DIGITIZED FROM PREVIOUS PLAN SETS OR FROM ASSESSORS MAPS. PM&A HAS NOT COMPLETED A SITE SURVEY AND THEREFORE MAKES NO CLAIMS AS TO THE ACCURACY OF INFORMATION DEPICTED ON THIS SHEET. CONTRACTOR SHALL FIELD VERIFY SITE PLAN & EQUIPMENT SHOWN AGAINST PRESENT FIELD CONDITIONS. IF PLANS DO NOT MATCH UP WITH SITE CONDITION AT TIME OF CONSTRUCTION, CONTACT T-MOBILE CM.

PLANS PREPARED FOR:

T-Mobile
1200 CONCORD AVENUE SUITE 500
CONCORD CA 94520

PLANS PREPARED BY:



P. MARSHALL & ASSOCIATES
6801 PORTWEST DR., SUITE 100
HOUSTON, TX 77024

OEM:

**NETWORK
CONNEX**

MLA PARTNER:

ENGINEERING SEAL:

**ISSUED
FOR
REVIEW**

GENERAL NOTES

1. SITE PLAN SHOWN WAS TAKEN FROM SURVEY INFORMATION PROVIDED BY N/A. CONTRACTOR TO VERIFY ALL EXISTING INFORMATION IS INDICATED ON SITE PLAN. CONTRACTOR IS TO ESTABLISH THE EXISTENCE AND LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES.
2. PARCEL DATA SHOWN WAS TAKEN FROM INFORMATION PROVIDED BY GOOGLE PARLAY, PROPERTY INFORMATION RESEARCH WEB SITE.
3. NO WETLANDS EXISTING ON-SITE
4. ALL CONSTRUCTION ACTIVITY MUST BE IN ACCORDANCE WITH THE ACCEPTED POLICIES BY STATE CODE.

SITE PLAN NOTES

1. ACCESS TO PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS WITH THE LEASING AGENT FOR APPROVAL.
2. CONTRACTOR SHALL HAVE PRESENT ON SITE CURRENT CARRIER SUPPLIED INFORMATION PRIOR TO COMMENCE OF WORK: IE. RFDS, DESIGN DOCUMENTS SPECIFIC TO SITE AND CONFIGURATION. NOTIFY CONSTRUCTION MANAGER OF ANY DISCREPANCY PRIOR TO ARRIVAL AT SITE.
3. ALL DAMAGE TO EXISTING UNDERGROUND, OVERHEAD OBSTACLES AND/OR EXISTING EQUIPMENT, PAD OR SHELTERS SHALL BE REPLACED BACK TO FULL ORIGINAL OR BETTER CONDITION & SHALL MATCH EXISTING CONDITIONS BY REPAIRS AT GENERAL CONTRACTOR EXPENSE.
4. THE EXISTING TREES AND VEGETATION ARE SUFFICIENT TO PROVIDE THE REQUIRED SCREENING OF THE ENCLOSURE PER LOCAL ORDINANCE. IF THE VEGETATION IS REMOVED OR DAMAGED DURING THE CONSTRUCTION PROCESS, NEW LANDSCAPING/ SCREENING WILL BE INSTALLED TO MEET LOCAL ORDINANCE REQUIREMENTS. COORDINATE WITH LL ON APPROPRIATE REPLACEMENTS AS NECESSARY.

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SITE NAME:
AT&T: KING CITY

SITE NUMBER:

SFL0050A

SITE ADDRESS:
**51950 PINE CANYON RD
KING CITY, CA 93930**

PM&A PROJECT:
25TMO_08N-004

SHEET DESCRIPTION:
**OVERALL PROPERTY
PLAN**

SHEET NUMBER:

Z-1

OVERALL PROPERTY PLAN
1" = 100'-0" (FULL SIZE)
100' 50' 0' 100' 1" = 200'-0" (11x17)

SITE PLAN DISCLAIMER:
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HOUSTON, TX 77024

OEM:
NETWORK CONNEX

MLA PARTNER:
[Redacted]

ENGINEERING SEAL:
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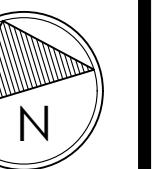
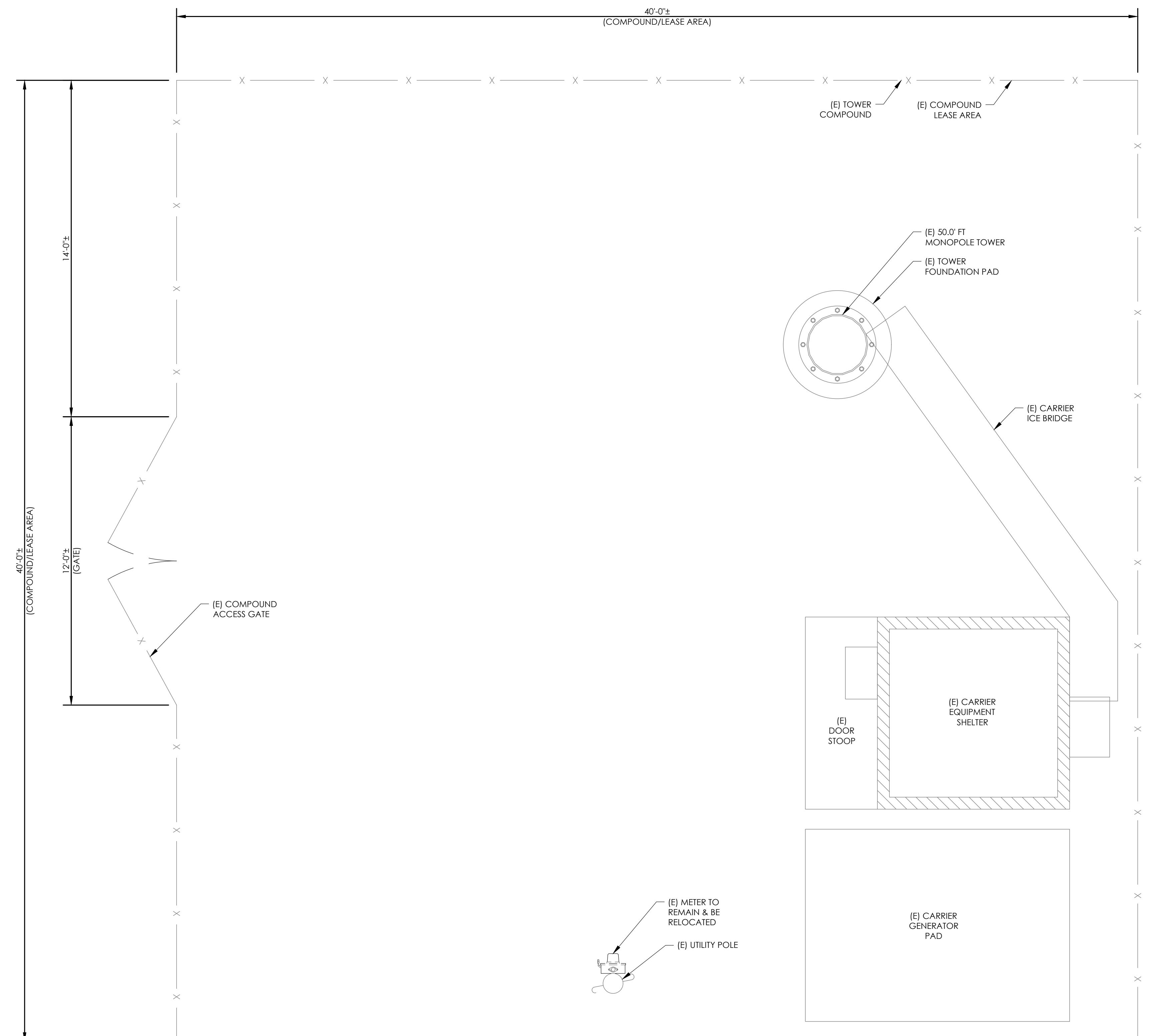
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SITE ADDRESS:
**51950 PINE CANYON RD
KING CITY, CA 93930**

PM&A PROJECT:
25TMO_08N-004

SHEET DESCRIPTION:
OVERALL SITE PLAN

SHEET NUMBER:
A-1



SITE PLAN DISCLAIMER:

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The image features the T-Mobile logo, which consists of a magenta 'T' icon followed by the word 'Mobile' in a large, black, serif font. Below the logo, the address '1200 CONCORD AVENUE SUITE 500 CONCORD CA 94520' is printed in a smaller, black, sans-serif font.

PLANS PREPARED BY: **PM&A**
P. MARSHALL & ASSOCIATES
6801 PORTWEST DR., SUITE 100
HOUSTON, TX 77024

The logo features the letters 'PM&A' in a large, bold, green font with a black outline. Below the logo, the company name 'P. MARSHALL & ASSOCIATES' is written in a smaller, black, sans-serif font. At the bottom, the address '6801 PORTWEST DR., SUITE 100' and 'HOUSTON, TX 77024' is provided in a black, sans-serif font.

OEM: **NETWORK CONNEX**

MLA PARTNER: ■

ENGINEERING SEAL: 

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PRELIMINARY	06/06/2025	SM	C

SITE NAME: ■

ANSWER THIS ONE:

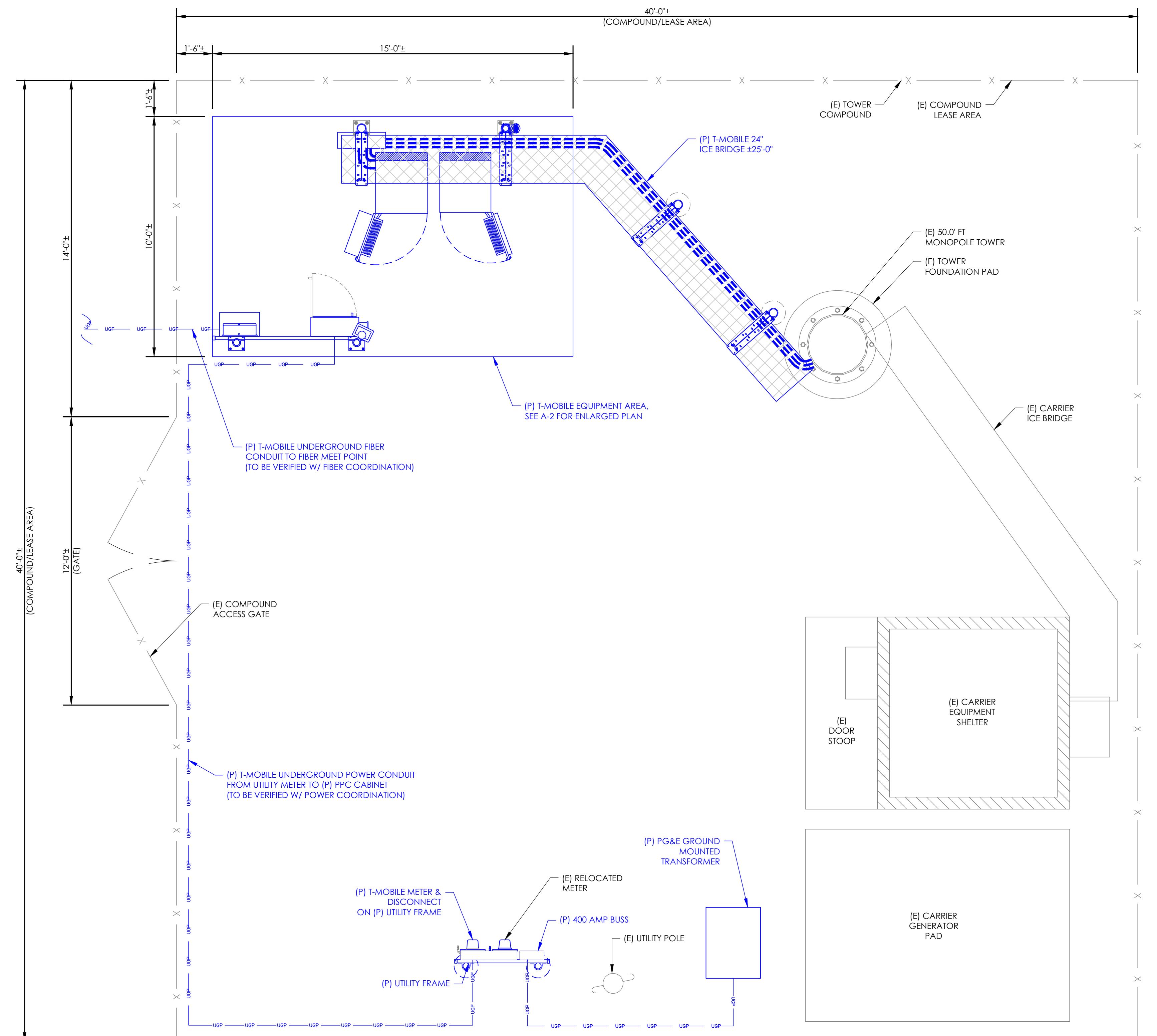
SFL0050A

SITE ADDRESS: ■
51950 PINE CANYON RD
KING CITY CA 93230

PM&A PROJECT: **25TMO 08N-004**

SHEET DESCRIPTION:

SHEET NUMBER:



PROPOSED OVERALL SITE PLAN

7) A-2

SITE PLAN DISCLAIMER:
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PLANS PREPARED FOR:
T-Mobile
1200 CONCORD AVENUE SUITE 500
CONCORD CA 94520

GROUND SCOPE OF WORK:

- INSTALL (1) 15'0" x 10'0" CONCRETE PAD
- INSTALL (1) 10'0" x 15'0" CONCRETE EQUIPMENT PAD
- INSTALL (1) 6160 CABINET W/ INTERNAL BASEBANDS PER RFDS: (2) RP 6651 & (1) CSR IXRE V23
- INSTALL (1) B160 BATTERY CABINET W/ (4) BATTERY STRINGS
- INSTALL (1) UTILITY FRAME W/; (1) 200A PPC W/ CAMLOK, (1) METER/DISCONNECT, (1) CIENA, (1) TELCO BOX, LED LIGHT W/ TIMER
- INSTALL (2) HOFFMAN HCS CABLE & MW CABLES WINDER/SLACK CAN, P/N: A242408LP, MOUNTED ON (N) ICE BRIDGE POST
- INSTALL (1) 24" WIDE ICE BRIDGE & (1) GPS ANTENNA
- INSTALL GROUND RING W/ TEST WELLS, TRENCH IN POWER & FIBER, PROVIDE ELECTRICIAN, PROVIDE PRIVATE LOCATES, SITE SIGNAGE
- INSTALL (1) 2' RIGID CONDUIT FROM WINDER BOX TO TMO CABINET

PLANS PREPARED BY:
PM&A
P. MARSHALL & ASSOCIATES
6801 PORTWEST DR., SUITE 100
HOUSTON, TX 77024

OEM:
NETWORK CONNEX

MLA PARTNER:
[Blank]

ENGINEERING SEAL:
ISSUED FOR REVIEW

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SITE NAME:
AT&T: KING CITY

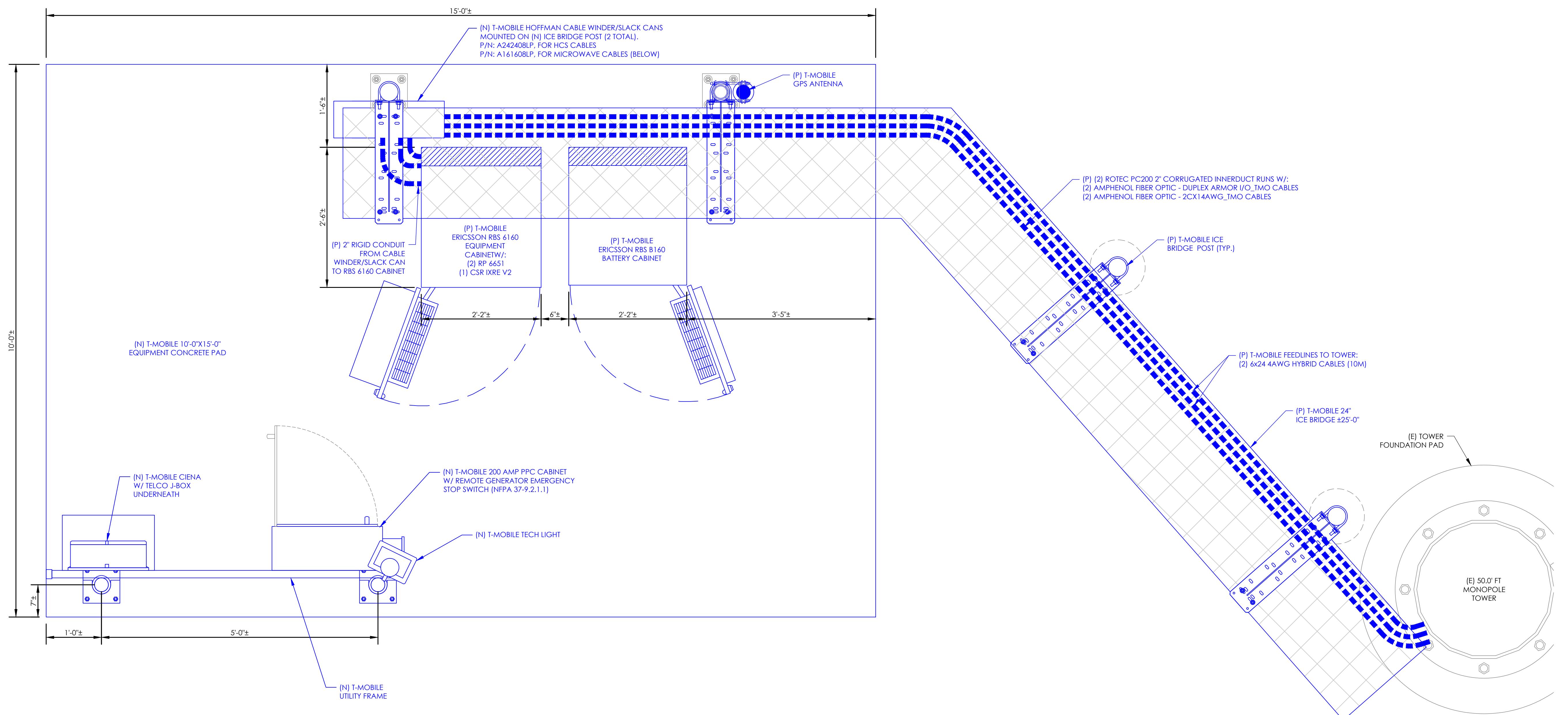
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SFL0050A

SITE ADDRESS:
51950 PINE CANYON RD
KING CITY, CA 93930

PM&A PROJECT:
25TMO_08N-004

SHEET DESCRIPTION:
ENLARGED EQUIPMENT PLAN

SHEET NUMBER:
A-3



PROPOSED ENLARGED EQUIPMENT PLAN
1' 6" 0 1' 1'-0" (FULL SIZE)
1/2"=1'-0" (11x17)

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PREVIOUS PLAN SETS OR FROM ASSESSORS MAPS. PM&A HAS
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PLANS DO NOT MATCH UP WITH SITE CONDITION AT TIME OF
CONSTRUCTION, CONTACT T-MOBILE CM.

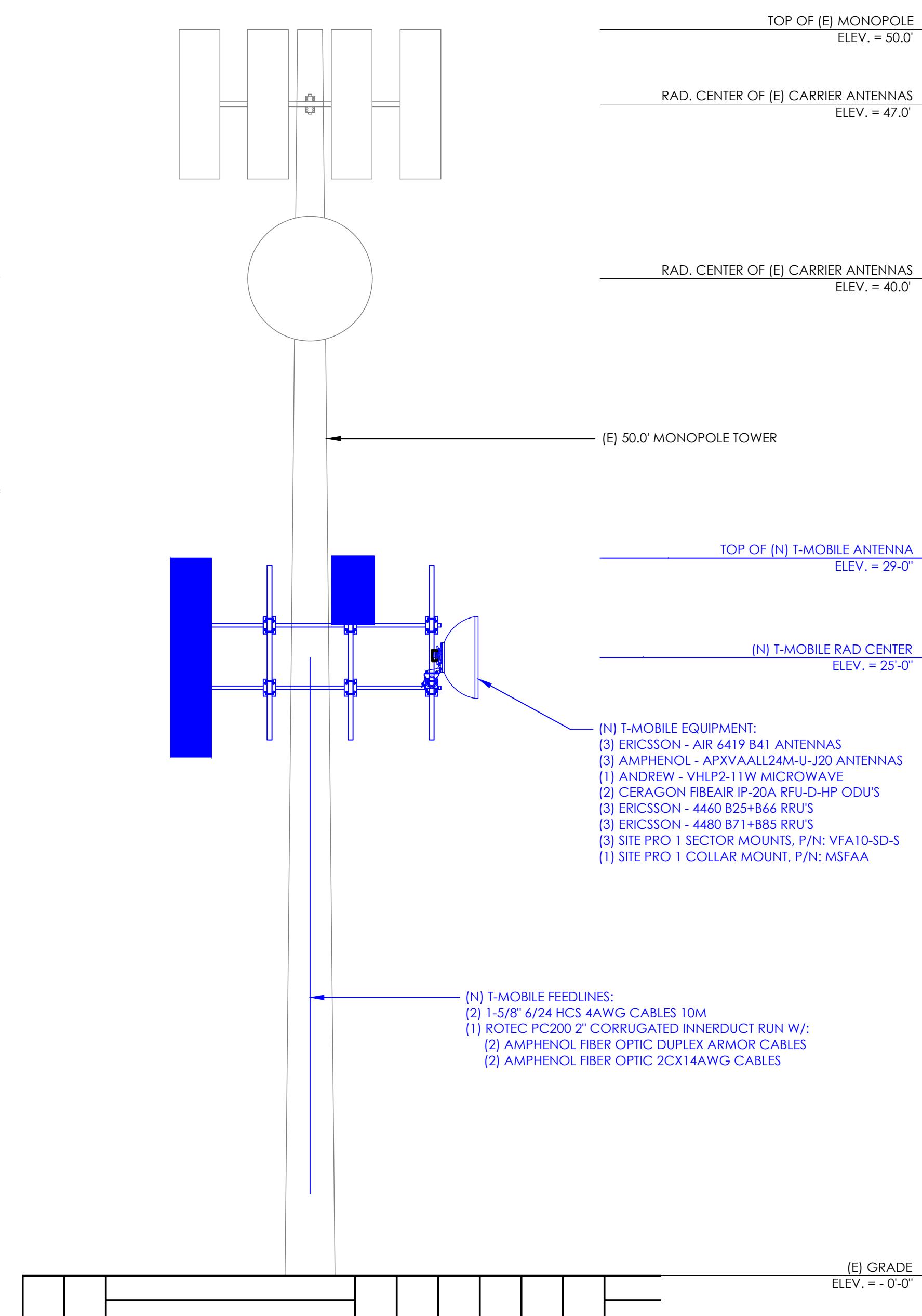
STRUCTURAL ANALYSIS NOTES:
1. THE DESIGN DEPICTED IN THESE DRAWINGS IS VALID
WHEN ACCOMPANIED BY A CORRESPONDING PASSING
STRUCTURAL ANALYSIS.
2. CONSTRUCTION MANAGER / GENERAL CONTRACTOR
SHALL REVIEW THE ANALYSIS FOR ANY CONDITIONS
PRIOR TO INSTALLATION AND NOTIFY EOR OF ANY
DISCREPANCIES.

T-MOBILE EQUIPMENT
ANTENNA CL: 25'-0" & 27'-6"
MOUNT CL: 25'-0"

ANY AND ALL TOWER
MOUNTED EQUIPMENT MUST
NOT TRAP OR INTERFERE W/
EXISTING SAFETY CLIMB

REFER TO TOWER
STRUCTURAL ANALYSIS FOR
PROPOSED ANTENNA &
CABLE LOADING DETAILS.
ON-SITE CONDITIONS SHALL
NOT EXCEED ANALYSIS. G.C.
TO NOTIFY ENGINEER OF
RECORD OF ALL ON-SITE
DISCREPANCIES PRIOR TO
COMMENCEMENT OF WORK.

INSTALLATION NOTES:
1. PLEASE MAKE SURE NO RUST ON
COMPONENTS AND NO LOOSE
CONNECTIONS.
2. ENSURE THERE ARE NO PIM ISSUES DURING
INSTALLATION.
3. ANTENNAS CAN'T SHOOT INTO METAL
OTHER OPERATOR ANTENNAS, ANYTHING
THAT CAN CAUSE PIM, ETC.
4. NO ANTENNA SHADOWING. ALL
ANTENNAS ARE TO BE CO-PLANAR.
5. GC TO INSTALL CONCEALFAB PIM SHIELD
KIT.



PROPOSED TOWER ELEVATION

1

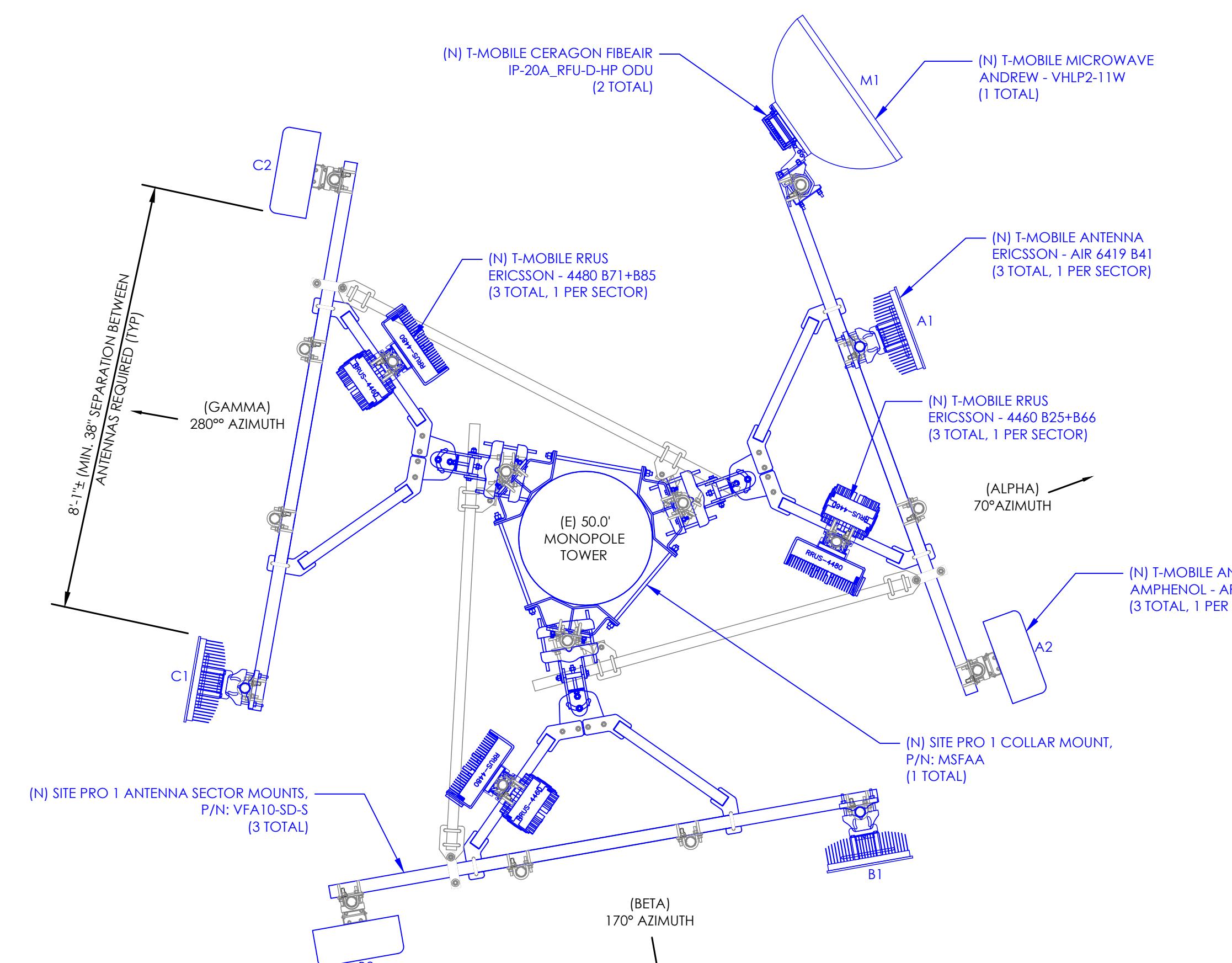
4' 2' 0 4' 3/16"=1'-0" (FULL SIZE)
3/32"=1'-0" (11x17)

PROPOSED ANTENNA SCHEDULE

SECTOR	POS.	RAD CENTER	AZIMUTH	TECHNOLOGY	ANTENNA MANUFACTURER	ANTENNA MODEL	MECH. TILT	ELECT. TILT	TOWER MOUNTED EQUIPMENT	FEEDLINE TYPE
ALPHA	A1	27'-6"	70°	N2500	ERICSSON	AIR 6419 B41	0°	0°	-	SHARED HCS
ALPHA	A2	25'-0"	70°	N600/L700 N2100/L2100/N1900/L1900	RFS	APXVAALL24M-U-J20	0°	0°	(1) 4480 B71+B85 (1) 4460 B25+B66	(1) 6/24 HCS 4 AWG 1-5/8" (10M)
ALPHA	M1	25'-0"	55°	-	ANDREW	VHLP2-11W	0°	0°	CERAGON FIBEAR IP-20A_RFU-D-HP (2) AMPHENOL FIBER OPTIC - ODU'S (2) AMPHENOL FIBER OPTIC - DUPLEX ARMOR I/C_TMO	(2) AMPHENOL FIBER OPTIC - 2CX14AWG_TMO
BETA	B1	27'-6"	70°	N2500	ERICSSON	AIR 6419 B41	0°	0°	-	SHARED HCS
BETA	B2	25'-0"	70°	N600/L700 N2100/L2100/N1900/L1900	RFS	APXVAALL24M-U-J20	0°	0°	(1) 4480 B71+B85 (1) 4460 B25+B66	(1) 6/24 HCS 4 AWG 1-5/8" (10M)
GAMMA	C1	27'-6"	70°	N2500	ERICSSON	AIR 6419 B41	0°	0°	-	SHARED HCS
GAMMA	C2	25'-0"	70°	N600/L700 N2100/L2100/N1900/L1900	RFS	APXVAALL24M-U-J20	0°	0°	(1) 4480 B71+B85 (1) 4460 B25+B66	SHARED HCS

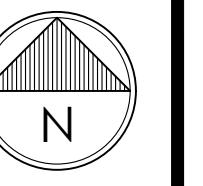
ANTENNA, MICROWAVE AND CABLE SCHEDULE 2

NOT TO SCALE



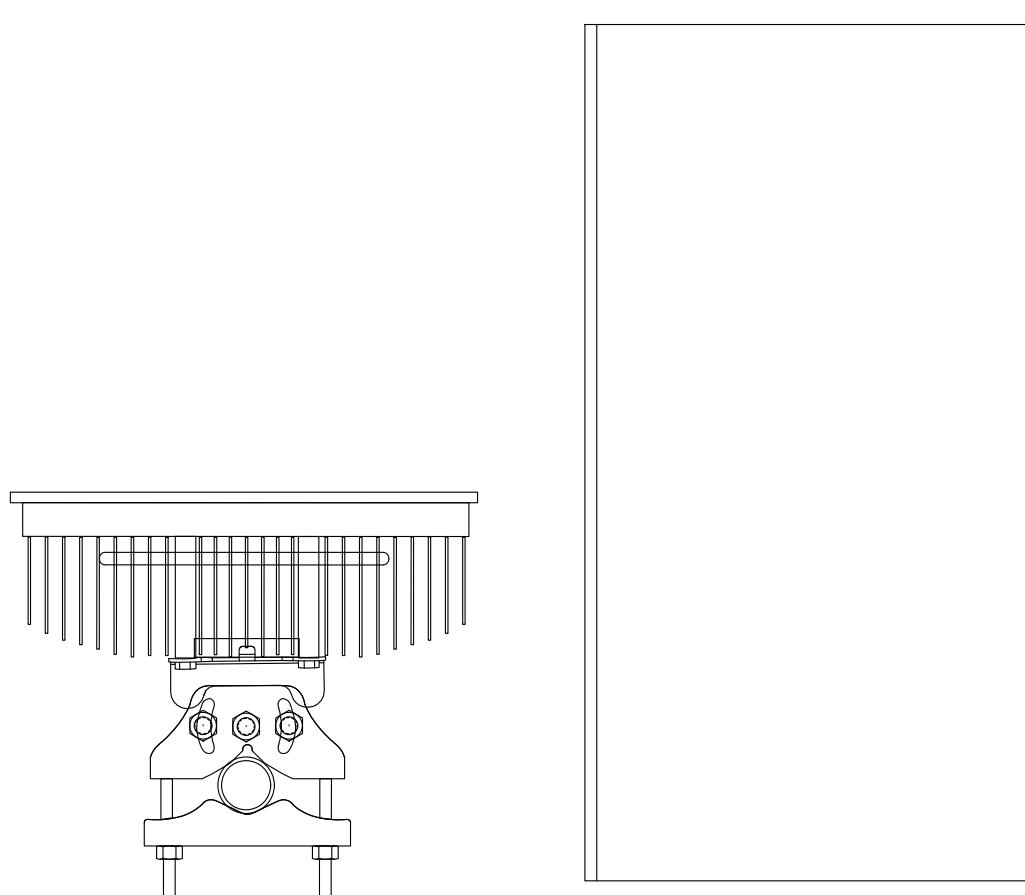
PROPOSED ENLARGED ANTENNA & MICROWAVE PLAN 3

2' 1' 0 2' 1/2"=1'-0" (FULL SIZE)
1/4"=1'-0" (11x17)

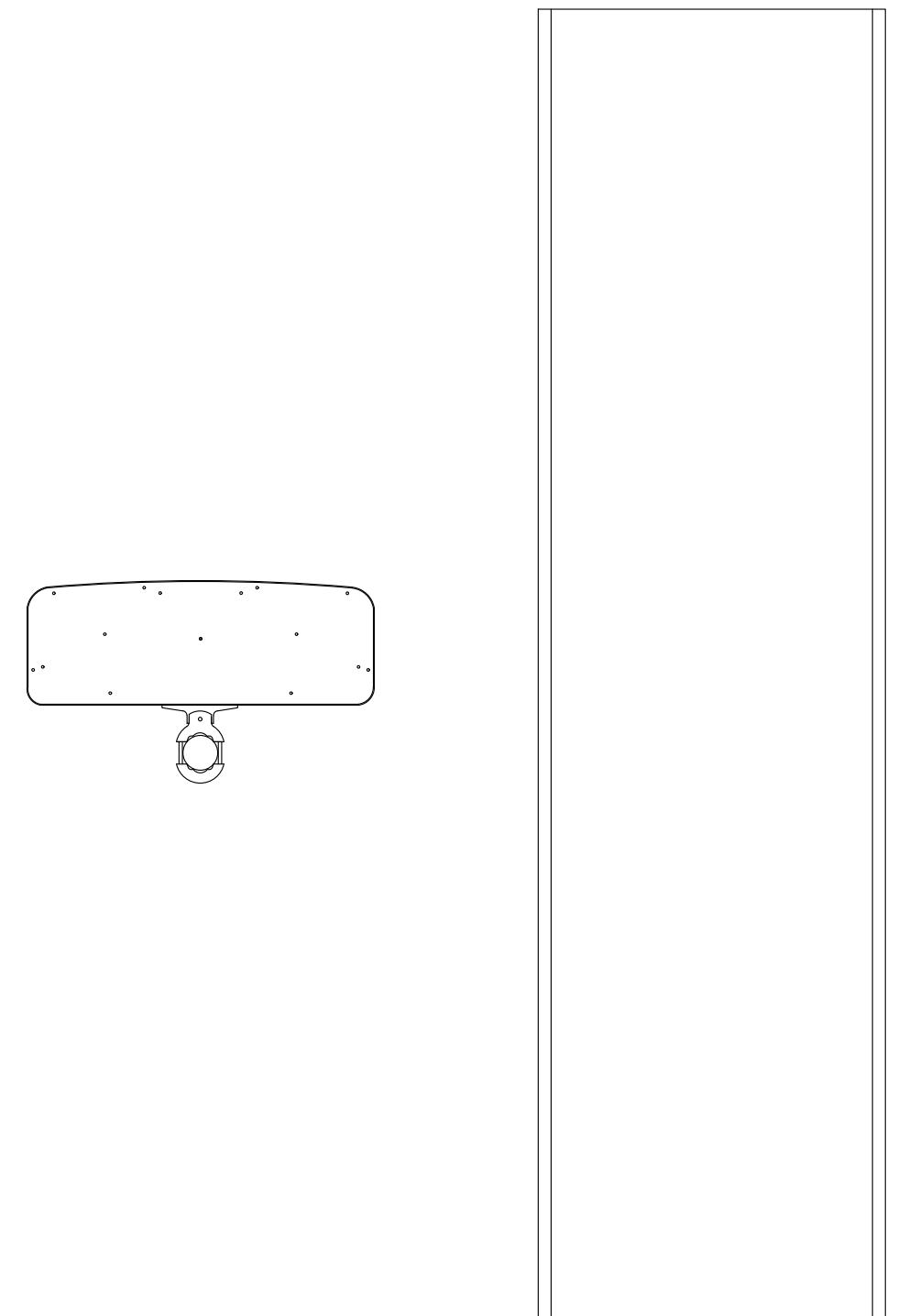


SHEET NUMBER:
A-4

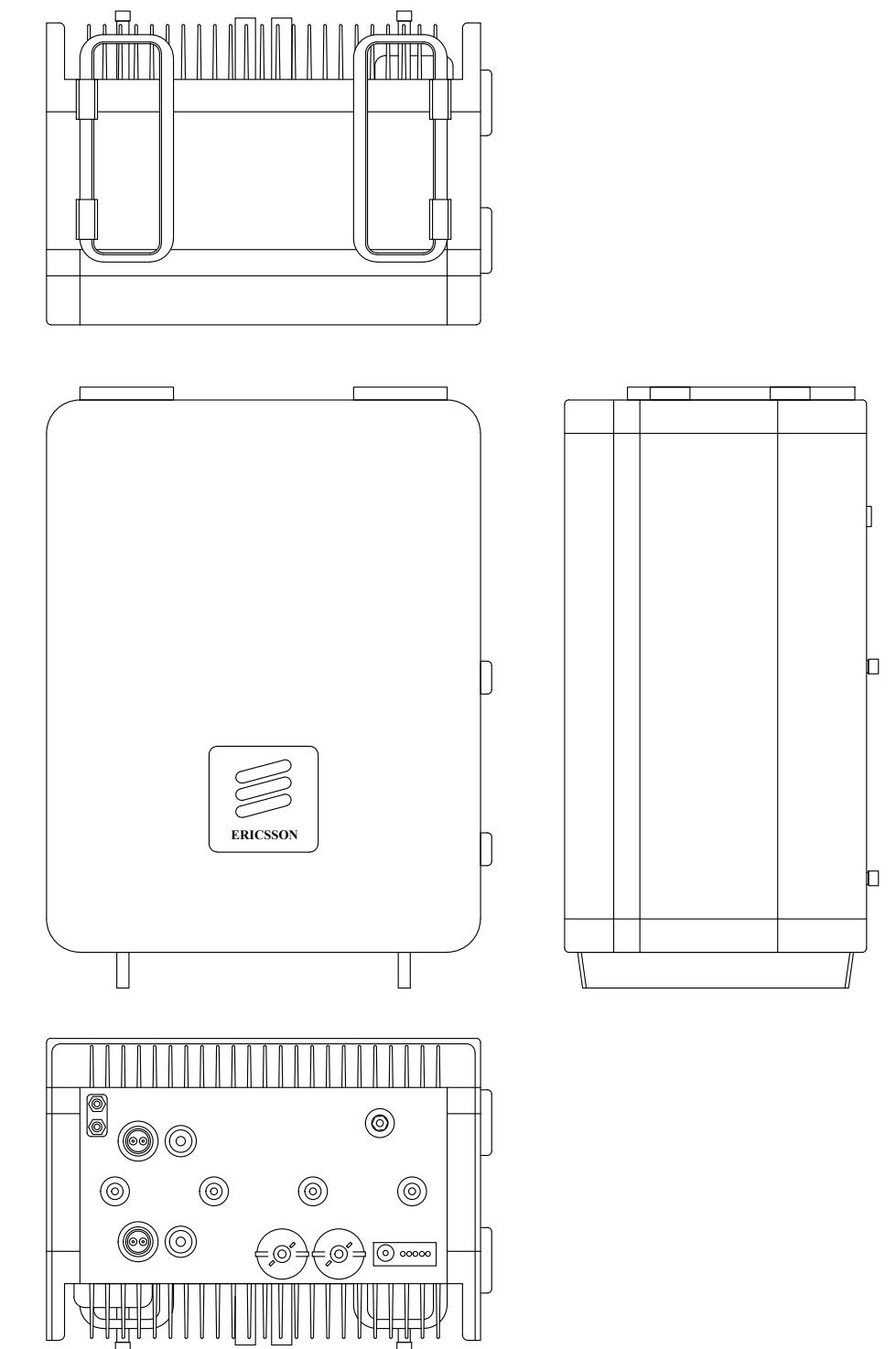
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ERICSSON - AIR 6419 B41
WEIGHT (WITHOUT MOUNTING HARDWARE): 81.84 LBS
SIZE (HxWxD): 34.49x19.92x7.99 IN.



AMPHENOL - APXVAALL24M-U-J20
WEIGHT (WITHOUT MOUNTING HARDWARE): 86 LBS
SIZE (HxWxD): 95.7x19.7x8.5 IN.

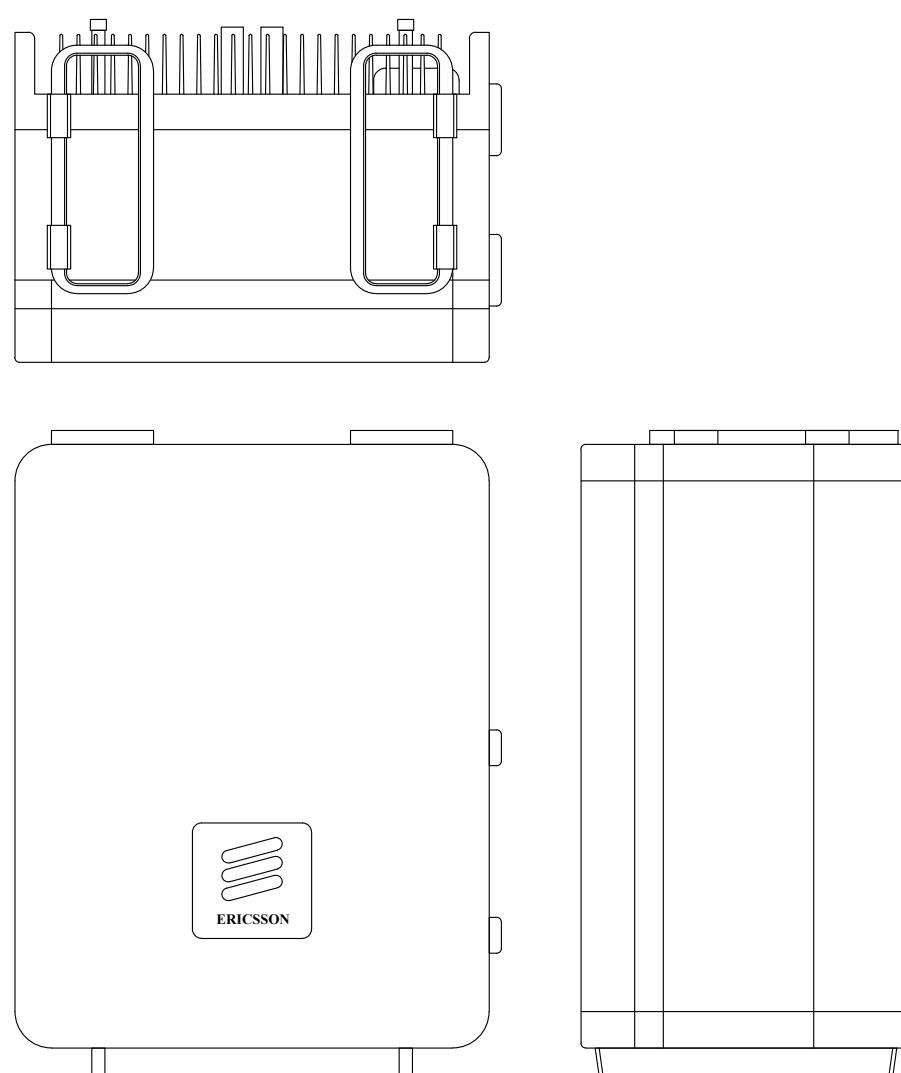


ERICSSON - RADIO 4480 B71+B85
WEIGHT: 95.60 LBS
SIZE (HxWxD): 21.8x15.7x7.5 IN.

ERICSSON - AIR 6419 B41 1
NOT TO SCALE

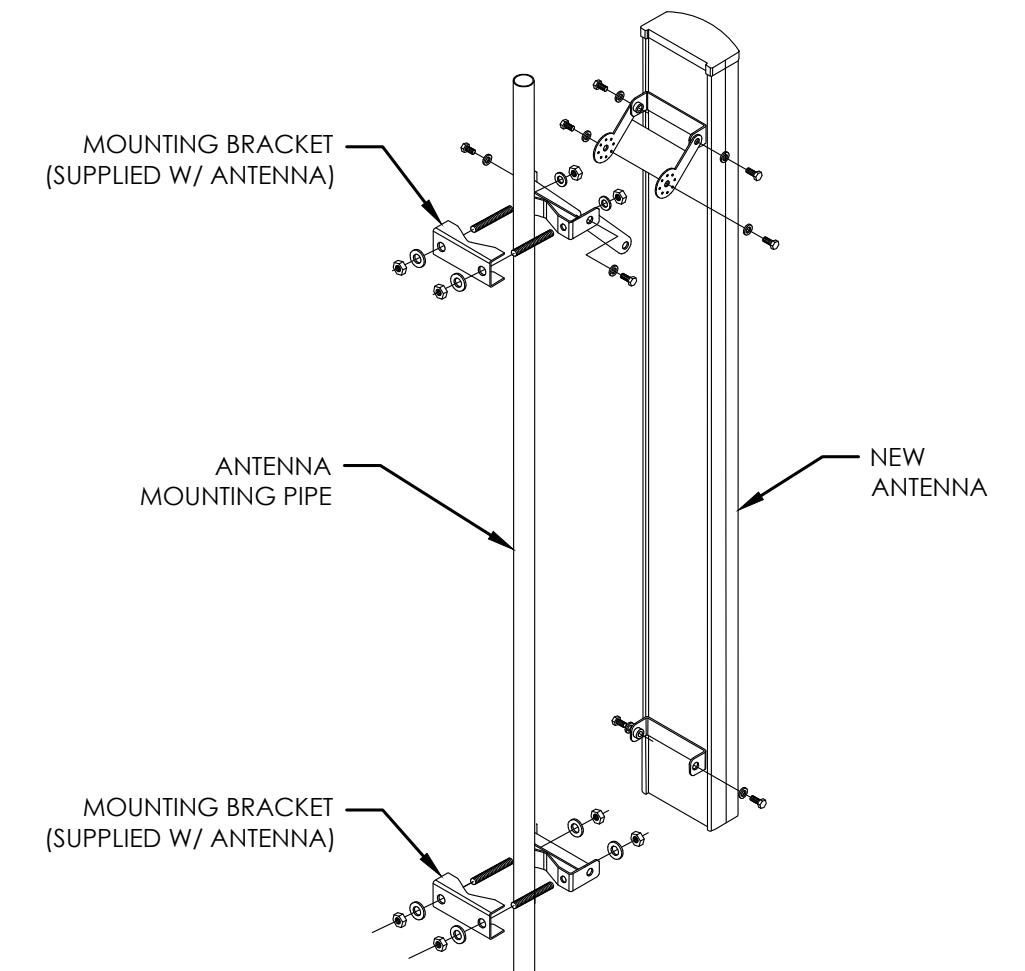
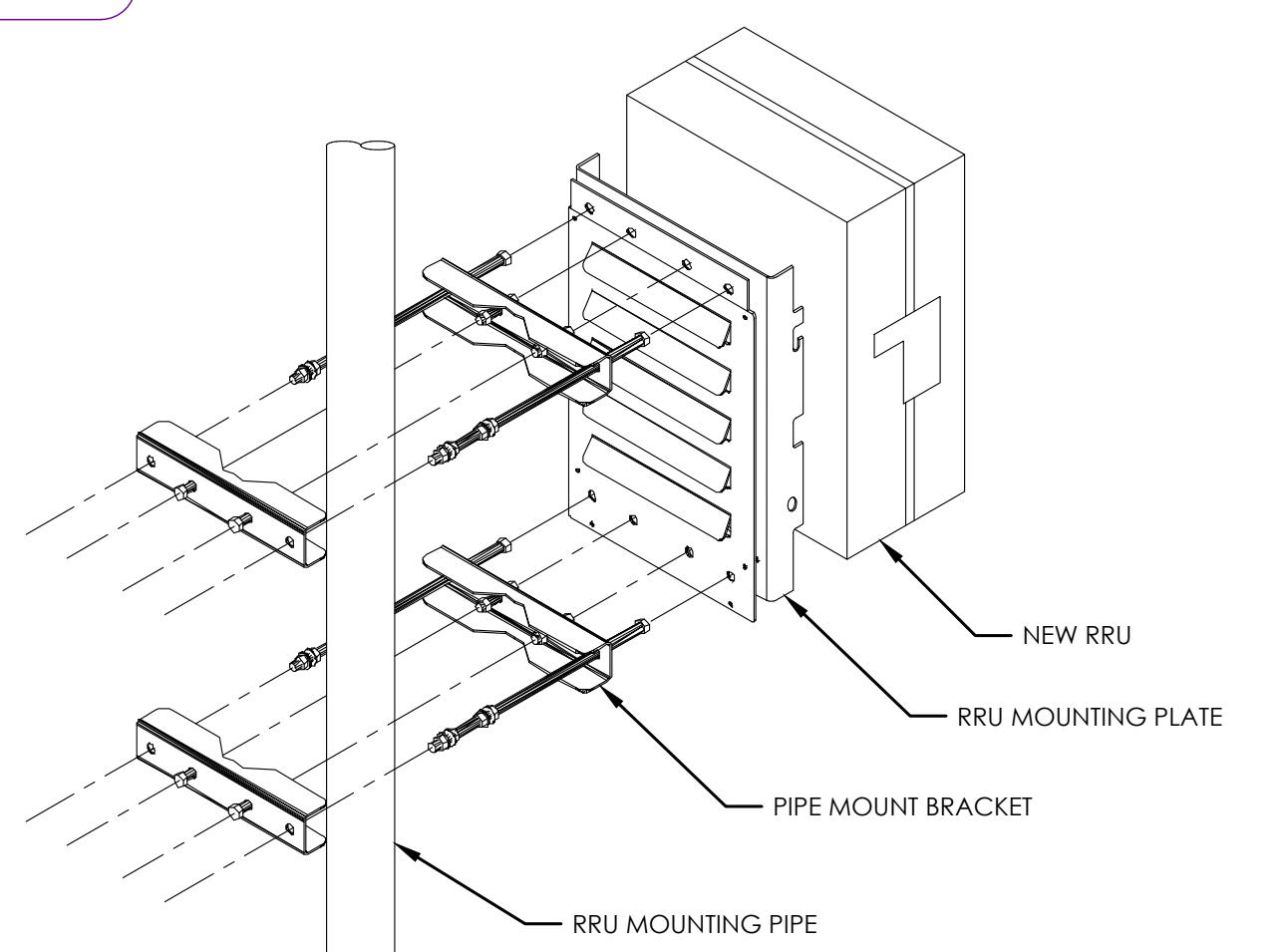
AMPHENOL - APXVAALL24M-U-J20 2
NOT TO SCALE

ERICSSON - RADIO 4480 B71+B85 3
NOT TO SCALE



ERICSSON - RADIO 4460 B25+B66
WEIGHT: 109.0 LBS
SIZE (HxWxD): 17.0x15.1x11.9 IN.

ERICSSON - RADIO 4460 B25+B66 4
NOT TO SCALE



ANTENNA & RRU MOUNTING DETAIL 6
NOT TO SCALE

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AT&T: KING CITY

SITE NUMBER:
SFL0050A

SITE ADDRESS:
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KING CITY, CA 93930**

PM&A PROJECT:
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SHEET DESCRIPTION:
EQUIPMENT DETAILS

SHEET NUMBER:
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KING CITY, CA 93930**

PM&A PROJECT:
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SHEET DESCRIPTION:
EQUIPMENT DETAILS

SHEET NUMBER:
A-6

Product Specifications

VHLP2-11W

0.6 m | 2 ft ValuLine® High Performance Low Profile Antenna, single-polarized, 10.125–11.700 GHz



- ValuLine Vision™ VHL2 and VHLPX2 antennas will be available from Andrew manufacturing plants globally in the coming weeks

CHARACTERISTICS

General Specifications

Antenna Type	VHLP - ValuLine® High Performance Low Profile Antenna, single-polarized
Diameter, nominal	0.6 m 2 ft
Polarization	Single

Electrical Specifications

Beamwidth, Horizontal	3.3°
Beamwidth, Vertical	3.3°
Cross Polarization Discrimination (XPD)	30 dB
Electrical Compliance	Brazil Anatel Class 2 ETSI 302 217 Class 3 US FCC Part 101A @ 10.55 – 10.7 GHz US FCC Part 101B @ 10.7–11.7 GHz
Front-to-Back Ratio	60 dB
Gain, Low Band	33.8 dBi
Gain, Mid Band	34.5 dBi
Gain, Top Band	35.2 dBi
Operating Frequency Band	10.125 – 11.700 GHz
Radiation Pattern Envelope Reference (RPE)	7200 7201
Return Loss	17.7 dB
VSWR	1.30

Mechanical Specifications

Fine Azimuth Adjustment	±15°
Fine Elevation Adjustment	±15°
Mounting Pipe Diameter	48 mm–115 mm 1.9 in–4.5 in
Net Weight	11 kg 25 lb

www.commscope.com/andrew

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See www.commscope.com/andrew for the most current information.



Product Specifications

VHLP2-11W

Side Struts, Included	0
Side Struts, Optional	0
Wind Velocity Operational	180 km/h 112 mph
Wind Velocity Survival Rating	250 km/h 155 mph

Wind Forces At Wind Velocity Survival Rating

Axial Force (FA)	1272 N 286 lbf
Side Force (FS)	630 N 142 lbf
Twisting Moment (MT)	473 N•m
Weight with 1/2 in (12 mm) Radial Ice	17 kg 37 lb
Zog with 1/2 in (12 mm) Radial Ice	162 mm 6 in
Zog without Ice	157 mm 6 in



Ceragon RFU-D & RFU-D-HP ODU Specs

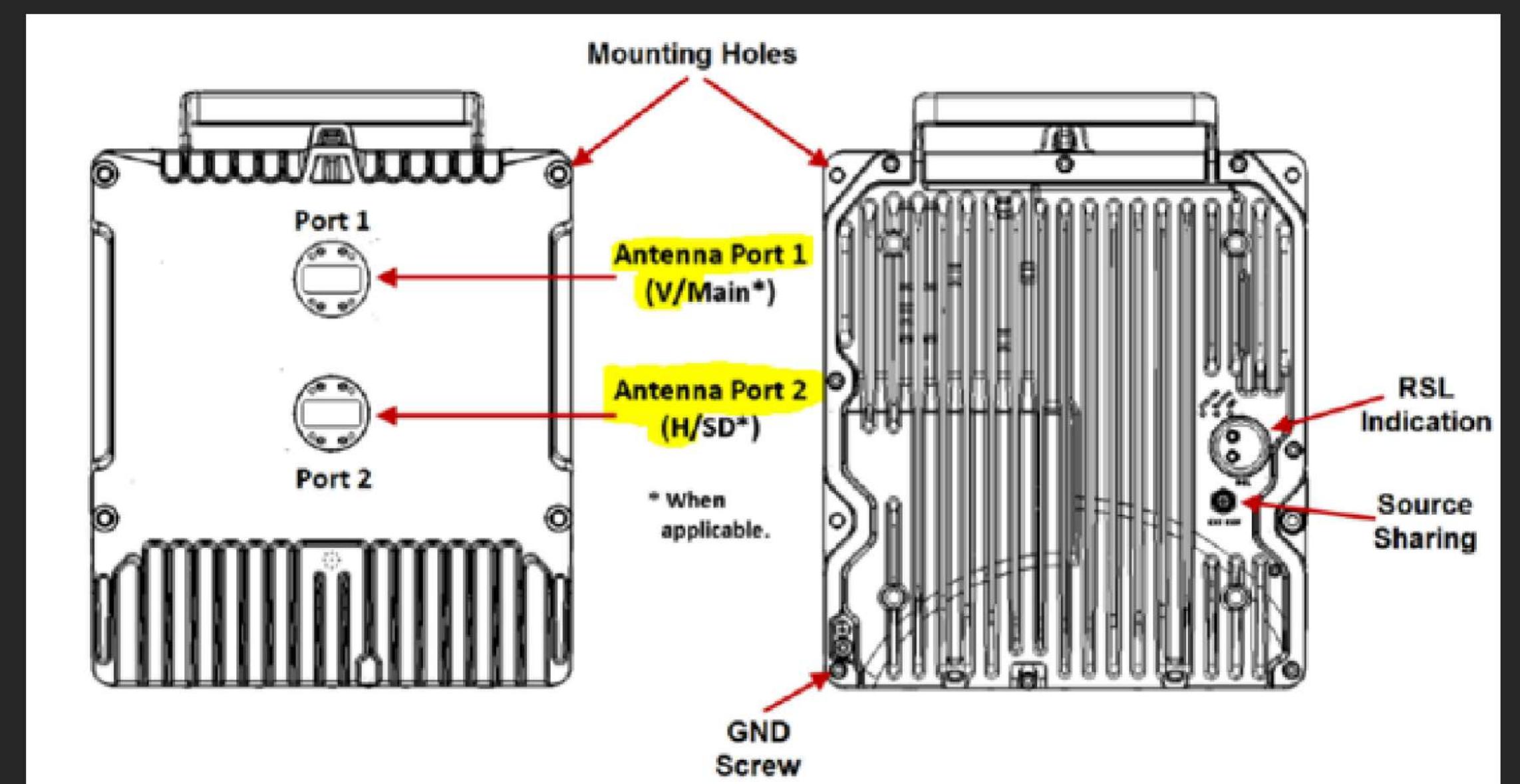


Table 178: RFU-D Mechanical Specifications (including diplexer unit)

RFU-D Dimensions	Height: 9.05 inches
	Width: 9.17 inches
	Depth: 3.85 inches
	Weight: 14.33 lbs.

Table 179: RFU-D-HP Mechanical Specifications (including diplexer or OCU unit)

RFU-D-HP Dimensions	Height: 12.56 inches
	Width: 11.26 inches
	Depth: 4.21 inches
	Weight: 26.5 lbs.

QUESTIONS? VISIT WWW.TALLEYCOM.COM OR CONTACT TALLEY AT 800.949.7079 OR SALES@TALLEYCOM.COM TODAY.



Roxtec Conduit Seal™ 1" and 2"

– CABLE ENTRY SEALS FOR CONDUITS AND HYBRID CABLES

Quick installation

The Roxtec Conduit Seal™ is a light-weight cable entry solution developed for the telecom industry and the increasing use of fiber. It is quick and easy to install, and it allows the use of pre-terminated cables for site equipment to cabinets as well as at the top of towers.

Certified protection

The product is made to seal the conduit in one end and the fiber bundle in the other. It provides excellent watertightness eliminating the frequent risk

of damages to the system because of humidity or ice. The solution is also perfect for sealing various hybrid cables.

Supplied as ready-made kit

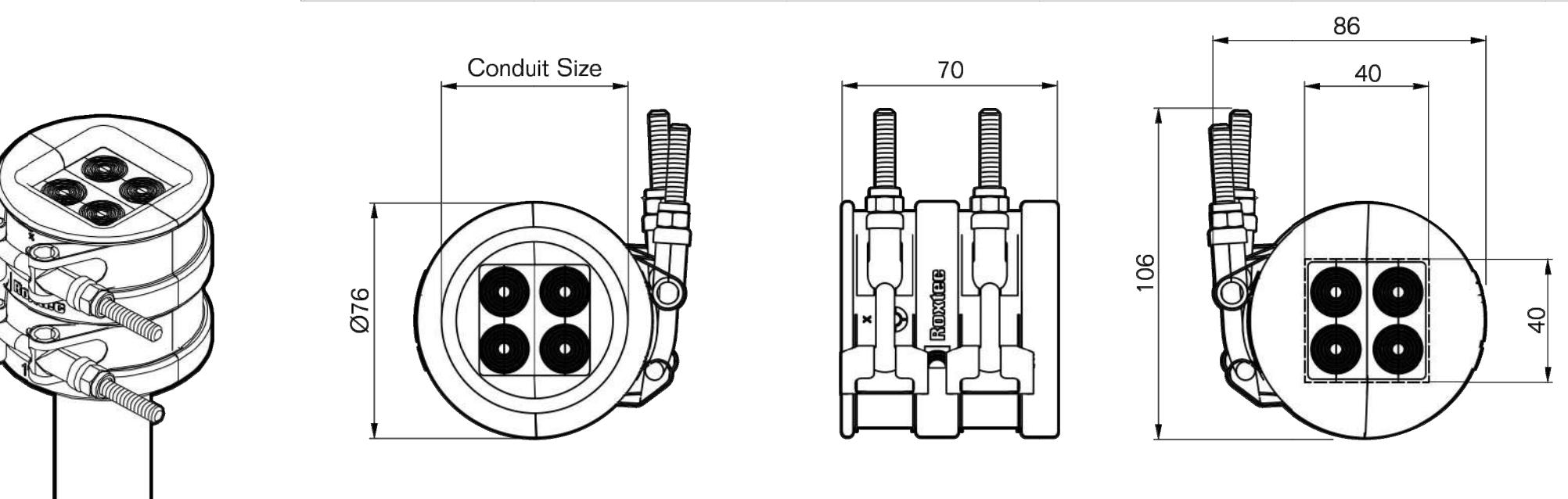
The Roxtec Conduit Seal™ is supplied as a kit, including two stainless steel clamps and Roxtec sealing modules which are adaptable to cables of different sizes. This feature simplifies everything from design and planning through to purchasing, installation and logistics.

BENEFITS

- Easy to use
- Light-weight
- Approved for IP 55
- UL/NEMA 3 approved
- Multidiameter™ by Roxtec – adapts through modules with removable layers

We Seal Your World™

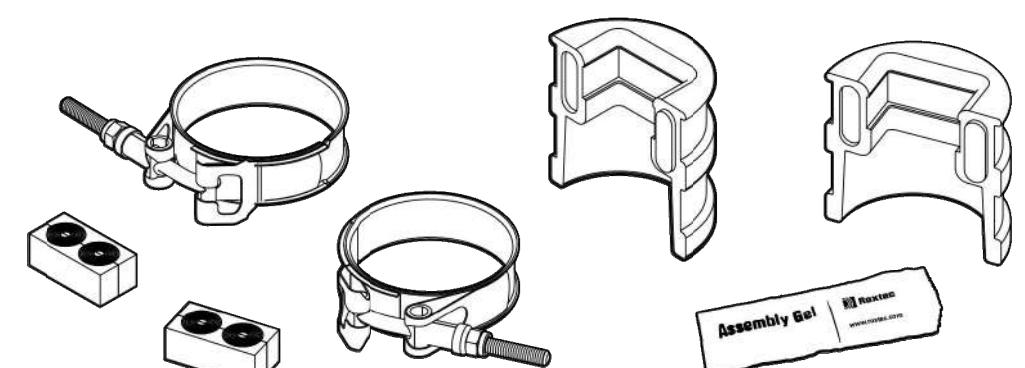
Roxtec Conduit Seal™ 1" and 2"



Kit	Multidiameter™ range and number of cables			Weight (kg) (lb)		Conduit Size	Art No.
	0+3.5-10.5 mm 0+0.138-0.413" (GM 13.3w40)	0+3.5-16.5 mm 0+0.138-0.650" (GM 20w40)	0+9.5-32.5 mm 0+0.374-1.280" (GM 40 10-32)			NPS	DN
Conduit Seal 1"/1				1 cable	0.519 1.14	1"	25 102617
Conduit Seal 1"/4				4 cables	0.519 1.14	1"	25 102618
Conduit Seal 1"/9	9 cables				0.519 1.14	1"	25 102619
Conduit Seal 2"/1				1 cable	0.411 0.91	2"	50 102620
Conduit Seal 2"/4				4 cables	0.411 0.91	2"	50 102621
Conduit Seal 2"/9	9 cables				0.411 0.91	2"	50 102622

Each Roxtec Conduit Seal™ kit consists of:

- Roxtec Conduit Seal™ frame
- Roxtec GM modules
- Two clamps
- Assembly gel bag 10 ml



 **Roxtec**



Specification of Cable

2CX14 AWG Cable

Spec No:899
Rev No:0
Date:23/03/2016

Part No:-

1-CBL2C14AWGBKXXXM

Cable Length In mtrs

Cable Description:- 2 Core 14 AWG UV Black

Dimensional/Visual

Parameters	Unit	Specification
Conductor		
Material	Visual	Annealed tinned copper
Dia of each strand	mm	0.254 ± 0.005
Size	AWG	14
No of strands	No's	41

Insulation		Cores are labeled as per UL style No.1061
Material	Visual	SR PVC
Insulation thickness Min. (Nom)	mm	0.22
No of cores	No's	2

Sheath		
Material	Visual	PVC (AS per UL 1581)
Thickness (Min.)(Avg).	mm	0.76
Colour	Visual	Black
Outer Dia	mm	7±1
Temperatura Rating	Deg C	-40 to + 80

Electrical parameters

Conductor resistance @20°C	Ω/km	8.96
Temperature	°C	80
Voltage Rating	V	300
UL Style	Visual	UL2464
UL Resistance	Visual	Meets UL 758 requirement
Standard & Reference	Visual	UL: 1581, UL:1061

Cable printing

UL: 2464 Exxxxxx AWM 2Core x 14AWG I A/B ' 80°C 300 V
VW-1 FT-1/FT-2 "SUPPLER NAME"- UV resistant

Colour Code

Red
Black

Packing bobbin size

Flange	CM	50
Traverse	CM	22
Barrel	CM	22
Gross weight (approx)	KG	25 (for 305 meters), 10 (for 100 meters)

Remarks:-

Part Nos Supplied as Bobbins

1-CBL2C14AWGBK100M :2 Core 14AWG UV Black 100 mtrs
1-CBL2C14AWGBK305M :2 Core 14AWG UV Black 305 mtrs

Reviewed and Approval By:-

PLANS PREPARED FOR:
T-Mobile
1200 CONCORD AVENUE SUITE 500
CONCORD CA 94520

PLANS PREPARED BY:
PM&A
P. MARSHALL & ASSOCIATES
6801 PORTWEST DR., SUITE 100
HOUSTON, TX 77024

OEM:
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PM&A PROJECT:
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SHEET DESCRIPTION:
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AT&T: KING CITY

SITE NUMBER:

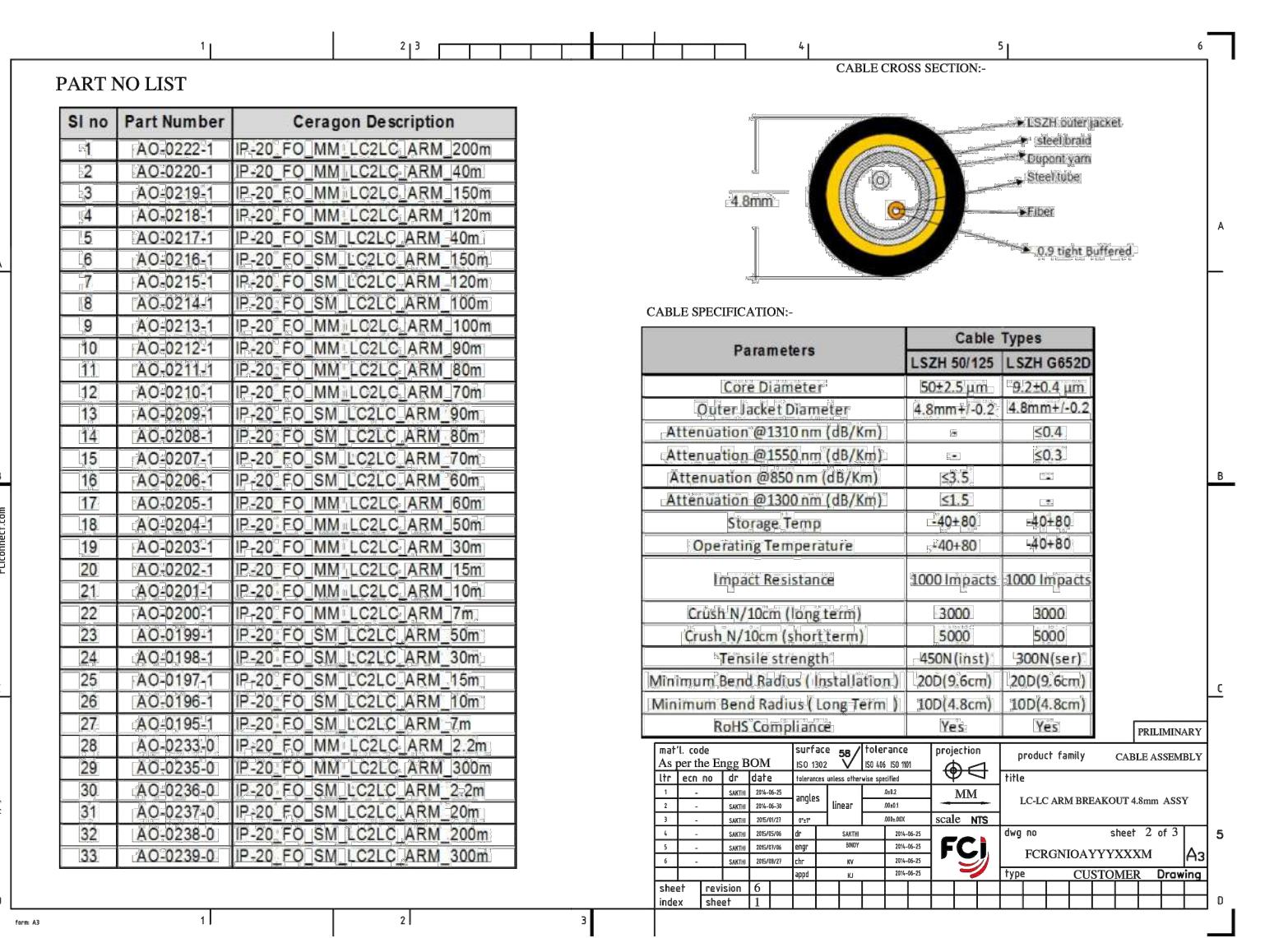
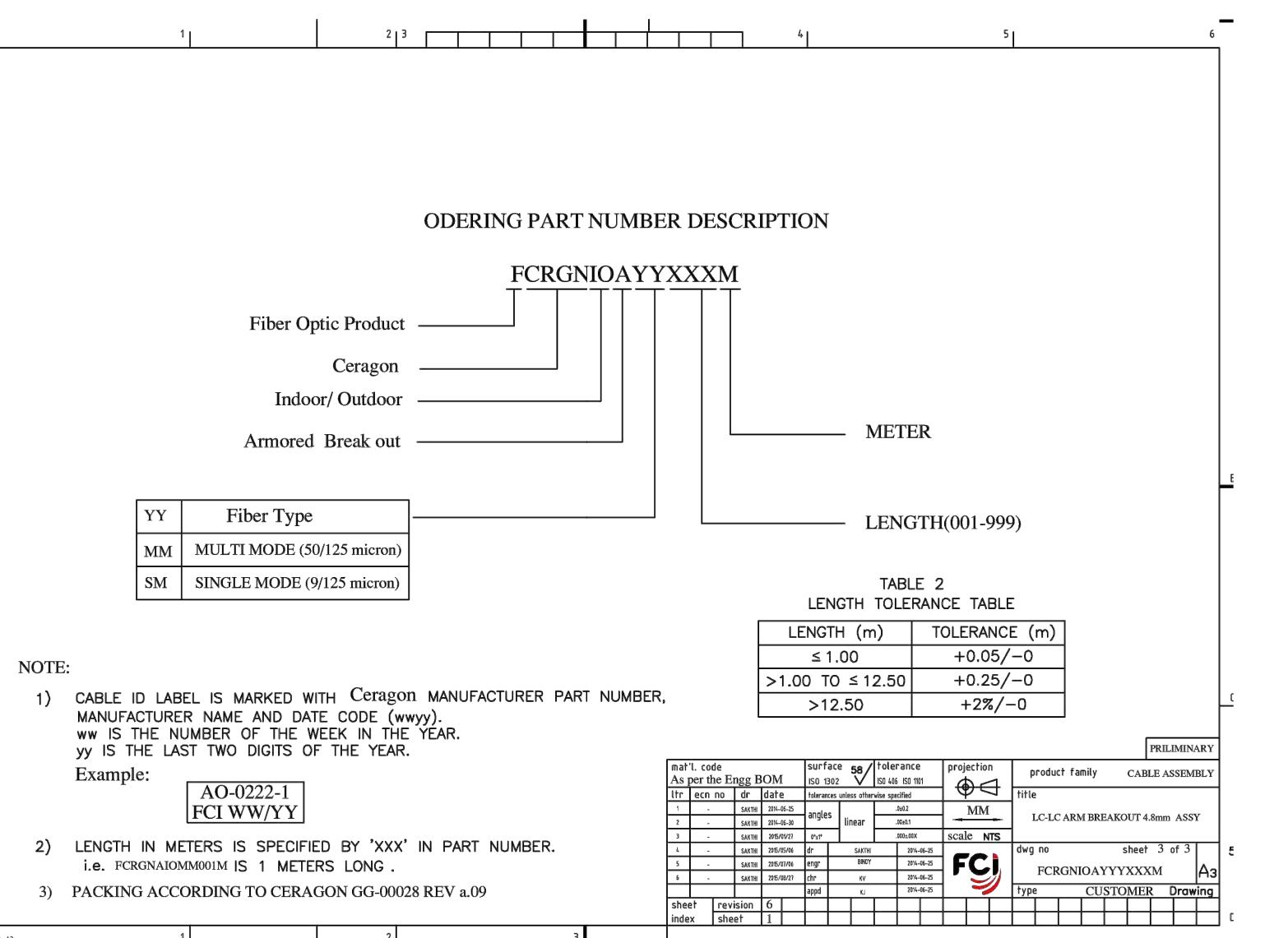
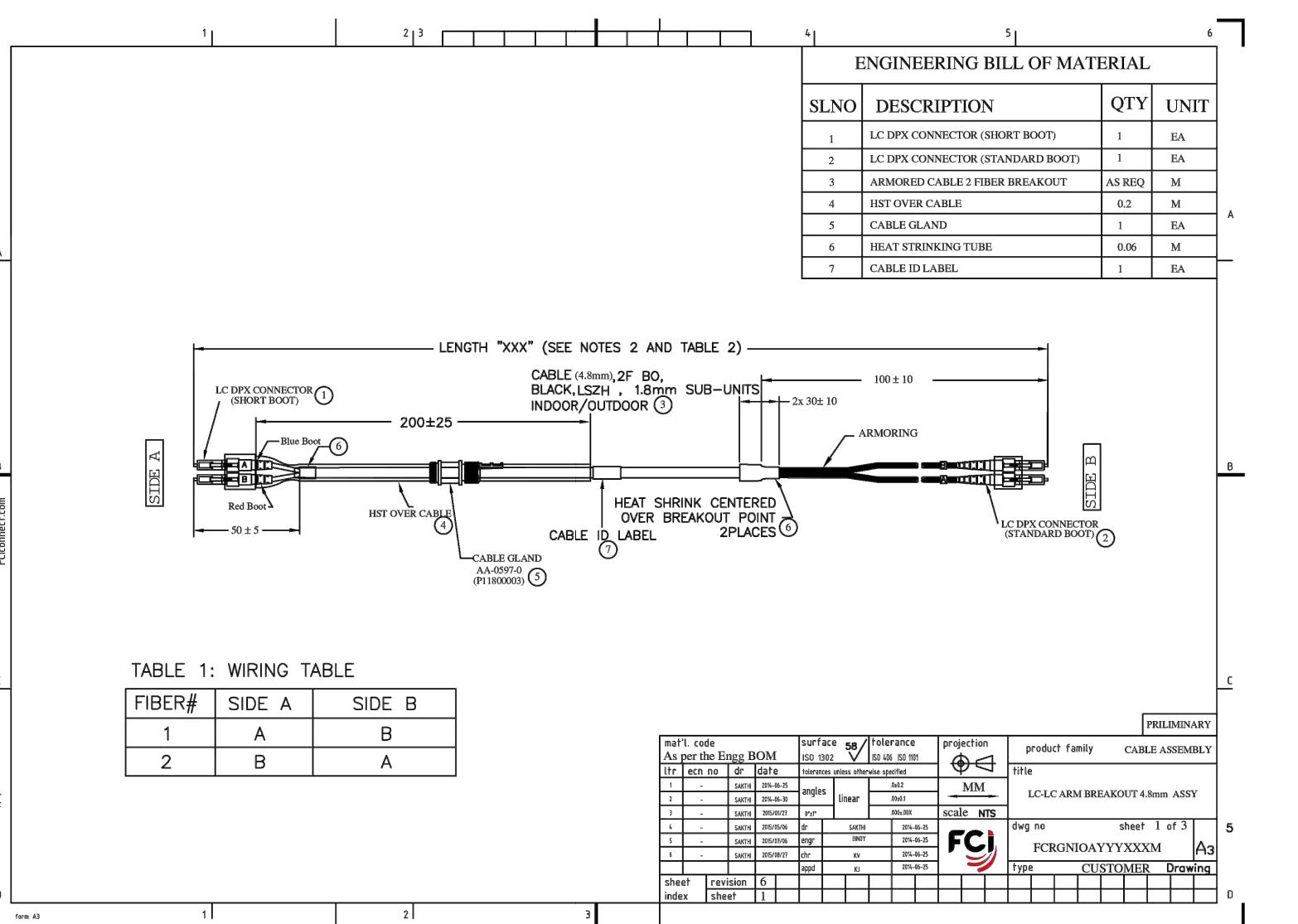
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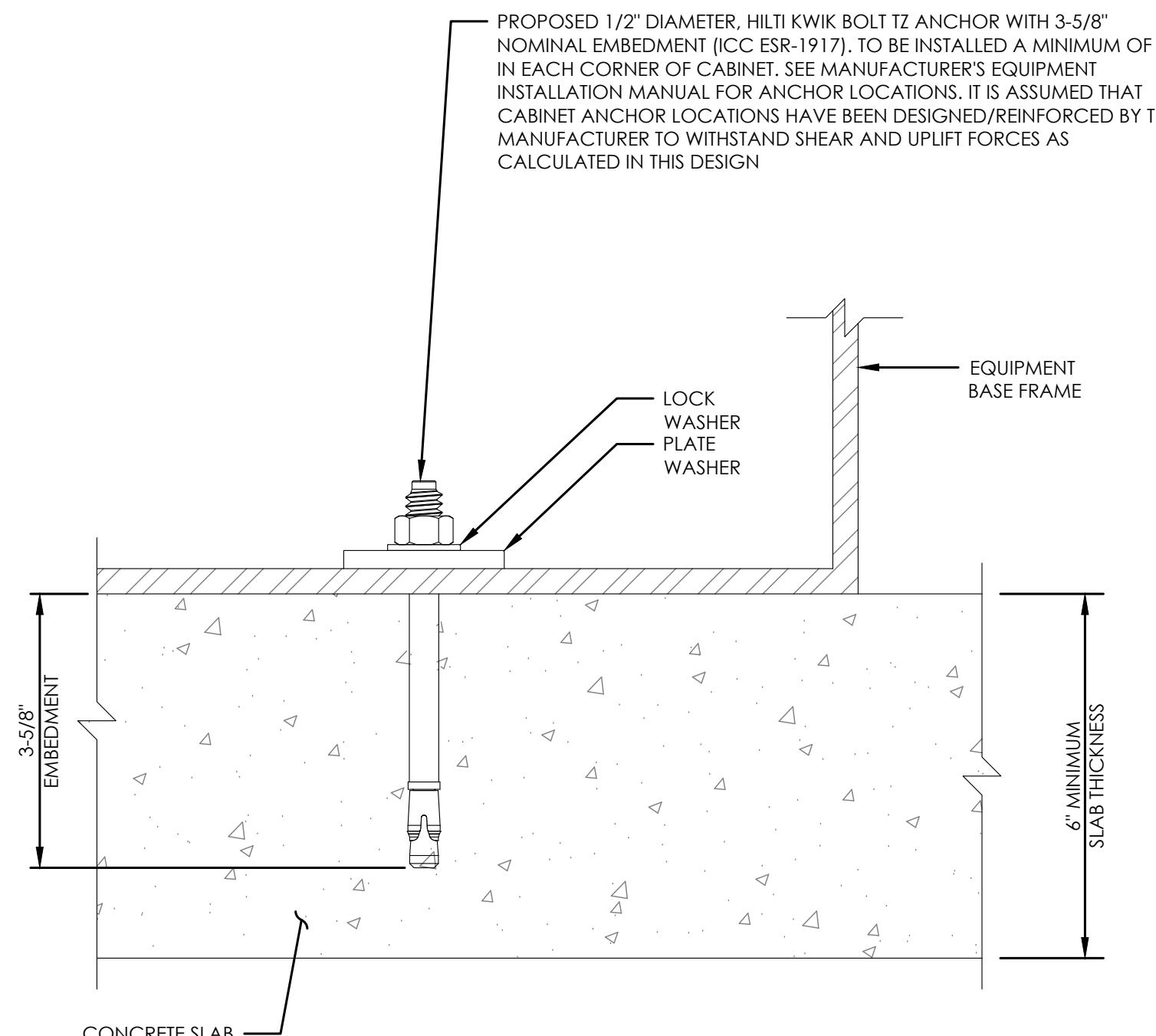
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PM&A PROJECT:
25TMO_08N-004

SHEET DESCRIPTION:
EQUIPMENT DETAILS

SHEET NUMBER:
A-8.2





NORTHSTAR NSB BATTERY SPECIFICATIONS								
BATTERY MODEL NUMBER	VOLTAGE	CAPACITY (AH)		NOMINAL DIMENSIONS			NOMINAL WEIGHT	
		8 HR CAPACITY TO 1.75 VPC @ 20/25°C (68/77°F)	10 HR CAPACITY TO 1.80 VPC @ 20/25°C (68/77°F)	INCHES	MM	LBS	Kg	
NSB 210FT RED	12	200 / 204 AH	204 / 207 AH	22.0	4.96	12.9	558.8	327.66
				141.6	64.22			

ELECTRICAL DATA		
BATTERY MODEL NUMBER	SHORT CIRCUIT CURRENT	INTERNAL RESISTANCE (mOhms)
NSB 210FT RED	5400 A	2.8 mΩ @ 25°C (77°F)

FLOAT VOLTAGE
CONSTANT VOLTAGE CHARGING IS RECOMMENDED
RECOMMENDED FLOAT VOLTAGE @ 20/25°C (68/77°F), 2.28 / 2.27 VPC

2022 CFC SECTION 1207												
ELECTRICAL ENERGY STORAGE SYSTEM												
1207.1.1 SCOPE:												
ESS HAVING CAPACITIES EXCEEDING THE VALUES SHOWN IN TABLE 1207.1.1 SHALL COMPLY WITH THIS SECTION.												
BATTERY STORAGE SYSTEM THRESHOLD QTY'S												
BATTERY TECHNOLOGY		CAPACITY ALLOWED										
LEAD ACID, ALL TYPES		70 kWh (252 MEGAJOULES)										
AH = VOLTAGE (AH)/1000												
VOLOTS	AH	kWh	NO. OF BATTERIES	TOTAL kWh								
12	210	1000	2.52	12	30.24							
CONCLUSIONS:												
30.24	<	70 kWh	SECTION 1206.2 DOES NOT APPLY									
TOTAL BATTERY WEIGHT (12 BATTERIES):												
1,699.2 LBS												
TOTAL GALLONS - ELECTROLYTE & ACID (12 BATTERIES):												
40.8												

NSB 210FT RED BATTERY LEAD & ACID WEIGHTS (12-VOLT MODULE):		
ELECTROLYTE	WEIGHT	/KG
	/LBS	26.5
ACID	VOLUME	/LITERS
	/GALLONS	2.4
LEAD	WEIGHT	/KG
	/LBS	43.6
LEAD OXIDE	WEIGHT	/KG
	/LBS	56.6
TOTAL WEIGHT	WEIGHT	/KG
		64.22
		/LBS
		141.6

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REVISIONS:	DESCRIPTION	DATE	BY	REV
PRELIMINARY	03/07/2025	DAD	A	
PRELIMINARY	05/14/2025	SM	B	
PRELIMINARY	06/06/2025	SM	C	

SITE NAME:
AT&T: KING CITY

SITE NUMBER:

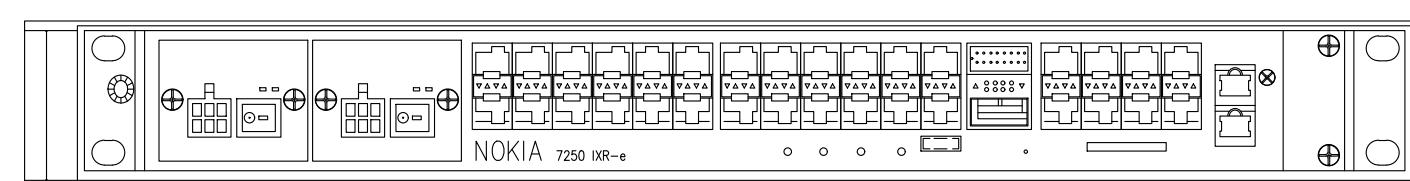
SFL0050A

SITE ADDRESS:
**51950 PINE CANYON RD
KING CITY, CA 93930**

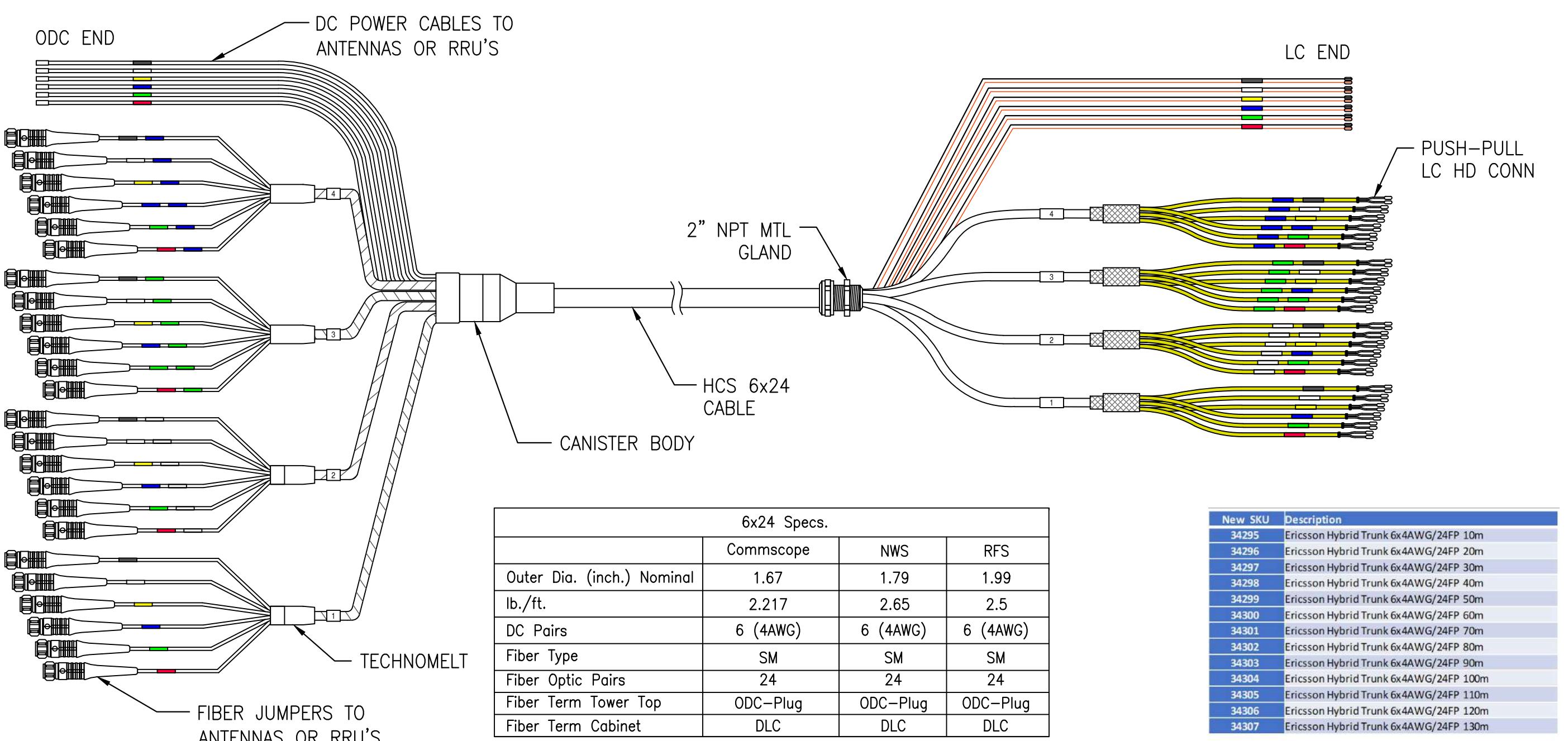
PM&A PROJECT:
25TMO_08N-004

SHEET DESCRIPTION:
CABINET DETAILS

SHEET NUMBER:
A-10



NOKIA CSR IXRE V2 ROUTER
WEIGHT: 11.2 LBS.
SIZE (HxWxD): 1.75x17.25x10.0 IN



HCS 6x24 4AWG CABLE SPECS

NOKIA CSR IXRE V2 ROUTER

HCS CABLE SPECS 2

NOT TO SCALE

		<h2>Technical specification</h2> <h3>MINI-LINK 6600</h3>	
<p>traditional frequencies (6-42 GHz), V-band 60 GHz, E-band 70/80 GHz, single and dual carrier, Coax and Ethernet interface.</p>		<p>Using MINI-LINK 6363 up to 4096QAM: -1.4 Gbps 1+0 in 112 MHz (ETSI) -2.5 Gbps using 2+0 RLB in 112 MHz (ETSI) -1 Gbps 1+0 in 80 MHz (ANSI) -2 Gbps using 2+0 RLB in 80 MHz (ANSI) Using MINI-LINK 6363 80GHz up to 1024QAM: -1.1 Gbps 1+0 in 125 MHz (ETSI) -2.2 Gbps 2+0 RLB in 125 MHz (ETSI)</p>	
<p>Efficient network migration</p> <p>MINI-LINK 6600 support any network migration from one generation of Radio technology to next on the Road to 5G. There is a topology flexibility in MINI-LINK 6600 to build hop based, tree, stars or ring based topologies to best support the network need.</p>		<p>RADIO LINK 5-80 GHZ*</p>	
<p>For cost efficient migration MINI-LINK 6600 is hop compatible with MINI-LINK TN. Upgrading to MINI-LINK 6600, the radio units, antennas, and cabling can be reused.</p>		<p>RADIO LINK 60/70/80 GHZ*</p>	
<p>PROTECTION & CONFIGURATION</p>		<p>ATPC, Radio Link Bonding, XPIC, Adaptive Coding Modulation, Multi-layer Header Compression, Multi-band Booster, AES encryption over the hop, 4x4 MIMO</p>	
<p>DIMENSIONS (H X W X D)</p>		<p>Up to 2+2 Hot standby and Space Diversity Up to 4+0 Radio Link Bonding (RLB) Up to 4+0 RLB using different CS combinations ERP, RSTP, SNCP Network protection MSP 111 Equipment protection</p>	
<p>POWER SUPPLY</p>		<p>6651/3: 44x48x172 mm, 1.7x17.6x8.8 inch 6651: 44x48x239 mm, 1.7x17.6x9.4 inch 6654: 44x48x240 mm, 1.7x17.6x9.4 inch 6655: 66x446x238 mm, 2.6x17.6x9.4 inch 6691: 44x48x240 mm, 1.7x17.6x9.4 inch 6693: 66x446x238 mm, 2.6x17.6x9.4 inch 6694: 89x48x239 mm, 3.6x17.6x9.4 inch 6692: 133x446x240 mm, 5.2x17.5x9.4 inch</p>	
<p>ENERGY EFFICIENCY</p>		<p>48 V DC, Power redundancy</p>	
<p>POWER CONSUMPTION (EXCLUDING RADIO)</p>		<p>6651/3: 30W 1+0 configuration 6651: 46W 1+0 configuration 6654: 49W 1+0 configuration 6655: 57W 1+0 configuration 6691: 57W 1+0 configuration 6693: 52W 1+0 configuration 6694: 79W 1+0 configuration 6692: 84W 1+0 configuration</p>	
<p>OPERATIONAL TEMPERATURE</p>		<p>-25°C to +65°C / -13F to +140F -25°C to +60°C / -13F to +131F (6651/3)</p>	
<p>TRAFFIC INTERFACES</p>		<p>E1, CES SAToP, 10/100/1000 BASE-T IEEE802.3, Optical 1000BASE-SX/LX/ZX/BX, GE CWDM 10G BASE-LR/ER/ZR, 10GE DWDM</p>	
<p>SYNCHRONIZATION</p>		<p>Sync E, 1588v2 (Telecom profile G.8275.1), NTP transparent, E1 and 2MHz, Frequency (G.8265.1)</p>	
<p>SWITCHING/ROUTING</p>		<p>IEEE 802.1Q-2011 Customer & Provider Bridge, Bridge Virtual Interface, LAG/LACP, ERP, H-QoS, BNM, MAC Swap loopback, VRF, OSPF, eBGP, IS-IS, RSVP-TE FRR, RSV-TE Path Protection, IP/MPLS L3 VPN, LDP, BFD, BGP FRR, MP-BGP, IPv4 ACL</p>	
<p>OAM</p>		<p>Link OAM, Service OAM FM/PM, Y.1731, TWAMP reflector Light</p>	
<p>DCN</p>		<p>DCN over VLAN, Routed DCN (OSPF) DCN over VLAN for L1 connection</p>	
<p>NETWORK MANAGEMENT</p>		<p>Supported by ENM, IP transport NMS, ServiceON, Node GUI and CLI SNMP v3, SSH, RADIUS, TACACS+</p>	
<p>STANDARDS & RECOMMENDATIONS</p>		<p>CEN/CENELEC, ETSI, ITU, IEC, IEEE, IETF</p>	

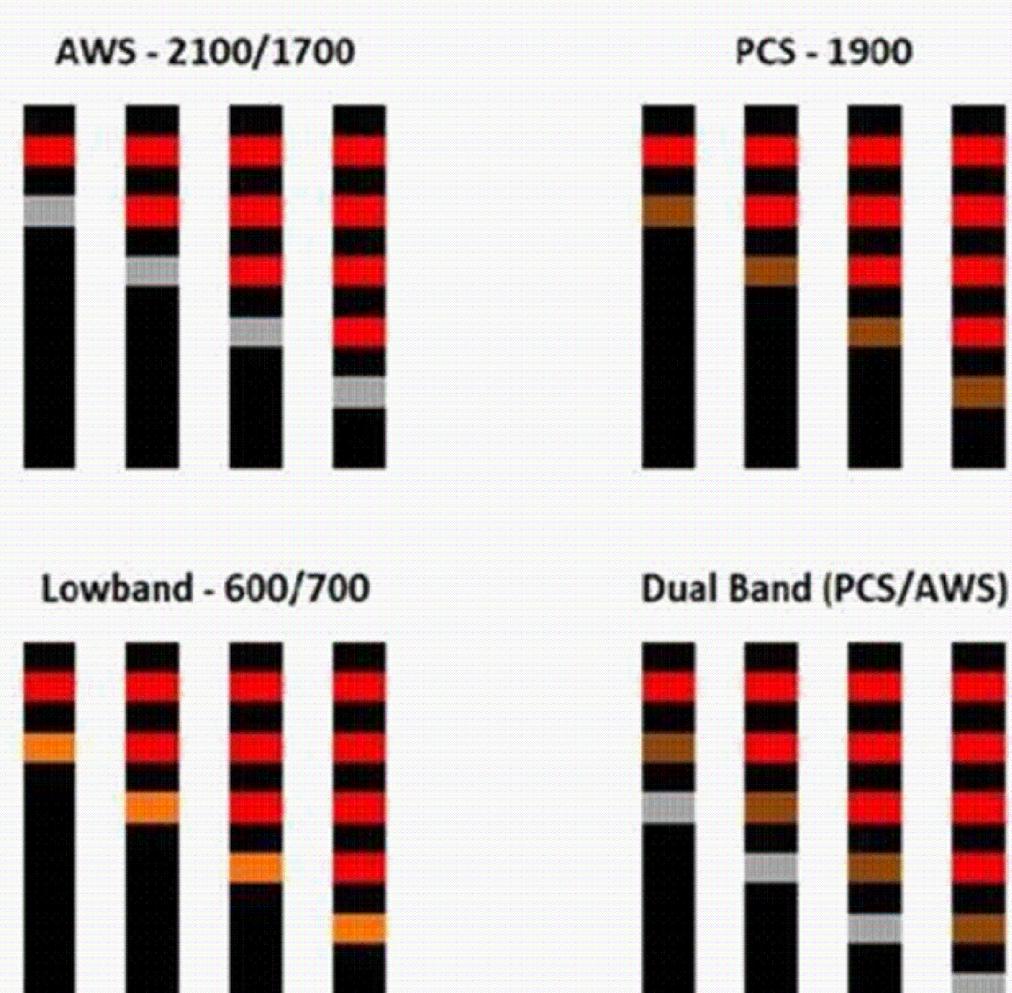
28701-FGC 101 2880 Rev 1

New RF Jumper Color Codes

Frequency Bands & Sectors

<u>Frequency Band Colors</u>	
Lowband - 600/700	Orange
PCS - 1900	Brown
AWS - 2100/1700	Gray
<u>Sector Colors</u>	
Alpha	Red
Beta	Blue
Gamma	Green
Delta	Yellow
Epsilon	White
Zeta	Purple

Alpha Sector Example



ERICSSON RP 6651

NOT TO SCALE

RF JUMPER COLOR CODING

NOT TO SCALE

EQUIPMENT DETAILS

NUMBER:

SET NUMBER: XXXXXXXXXX



WALL-MOUNT ENCLOSURES WALL-MOUNT TYPE 12 ENCLOSURES



CONTINUOUS HINGE WITH CLAMPS, TYPE 12

SPECIFICATIONS								
• 16 or 14 gauge steel								
• Seams continuously welded and ground smooth								
• External welded-on mounting brackets for easy installation								
• Four external return flanges around all sides of enclosure								
• Sealing								
• Screw-down door clamps								
• Removable heavy-gauge continuous hinge pin								
• Hasp and staple for padlocking								
• Impact thermoplastic								
• Collar studs for mounting optional panels								
• Bonding provision on door								
• Removable door with continuous hinge								
• Seamless foam-in-place gasket								
FINISH								
Body: White inside with ANSI 61 gray finish outside.								
Door: ANSI 61 gray inside and outside.								
INDUSTRY STANDARDS								
UL 508A Listed, Type 12, 18, File No. E41997								
cUL Listed per CSA C22.2 No. 4, Type 12, 13, File No. E61997								
ACCESORIES								
Panels for 3R, 4, 4X, 12, and 13 Enclosures								
Drip Shield Kit for Type 12 Enclosures								
Electric Heater								
Fast-Operating Clamp Assembly								
Hinge Pin								
Steel and Stainless Steel Window Kits								
HF Side-Mount Filter Fans								
APPLICATION								
For applications requiring a bright white interior to increase control visibility, this enclosure includes a padlocking hasp and staple for security and screw-down clamps for secure closure.								
MODIFICATION AND CUSTOMIZATION								
Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.								
BULLETIN: A12								
Standard Product								
Catalog Number								
Axle/C in./mm								
Body Gauge								
Panel								
Conductive Panel								
Panel Size								
D x E in./mm								
F in./mm								
Number of Clamps								
Data Packet								
A122404LP	12.00 x 24.00 x 8.00	16	A1P24	A1P24	9.00 x 21.00	3.00	2	Small
	305 x 610 x 203				229 x 533	76		
A161204LP	16.00 x 24.00 x 8.00	16	A1P12	A1P12	13.00 x 17.00	1.25	2	Small
	406 x 610 x 203				320 x 229	32		
A161406LP	16.00 x 24.00 x 8.00	16	A1P16	A1P16	13.00 x 17.00	3.00	2	Small
	406 x 610 x 203				320 x 229	76		
A162004LP	16.00 x 24.00 x 8.00	16	A1P16	A1P16	17.00 x 13.00	3.00	2	Small
	406 x 610 x 152				432 x 330	76		
A201204LP	20.00 x 24.00 x 8.00	16	A1P12	A1P12	17.00 x 17.00	1.25	2	Small
	508 x 610 x 203				229 x 533	76		
A241604LP	24.00 x 24.00 x 8.00	16	A1P16	A1P16	21.00 x 17.00	3.00	2	Small
	610 x 610 x 203				320 x 229	76		
A242004LP	24.00 x 24.00 x 8.00	16	A1P16	A1P16	21.00 x 17.00	3.00	2	Small
	610 x 610 x 152				432 x 330	76		
A201604LP	20.00 x 24.00 x 8.00	16	A1P16	A1P16	17.00 x 13.00	3.00	2	Small
	508 x 610 x 152				432 x 330	76		
A201204LP	20.00 x 24.00 x 8.00	16	A1P12	A1P12	17.00 x 17.00	1.25	2	Small
	508 x 610 x 152				229 x 533	76		
A241204LP	24.00 x 24.00 x 8.00	16	A1P16	A1P16	17.00 x 13.00	3.00	2	Small
	610 x 610 x 152				432 x 330	76		
A241604LP	24.00 x 24.00 x 8.00	16	A1P16	A1P16	17.00 x 13.00	3.00	2	Small
	610 x 610 x 152				432 x 330	76		
A201604LP	20.00 x 24.00 x 8.00	16	A1P16	A1P16	17.00 x 13.00	3.00	2	Small
	508 x 610 x 152				432 x 330	76		
A201204LP	20.00 x 24.00 x 8.00	16	A1P12	A1P12	17.00 x 17.00	1.25	2	Small
	508 x 610 x 152				229 x 533	76		
A241604LP	24.00 x 24.00 x 8.00	16	A1P16	A1P16	17.00 x 13.00	3.00	2	Small
	610 x 610 x 152				432 x 330	76		
A201604LP	20.00 x 24.00 x 8.00	16	A1P16	A1P16	17.00 x 13.00	3.00	2	Small
	508 x 610 x 152				432 x 330	76		
A241604LP	24.00 x 24.00 x 8.00	16	A1P16	A1P16	17.00 x 13.00	3.00	2	Small
	610 x 610 x 152				229 x 533	76		
A201604LP	20.00 x 24.00 x 8.00	16	A1P16	A1P16	17.00 x 13.00	3.00	2	Small
	508 x 610 x 152				432 x 330	76		
A241604LP	24.00 x 24.00 x 8.00	16	A1P16	A1P16	17.00 x 13.00	3.00	2	Small
	610 x 610 x 152				229 x 533	76		
A201604LP								

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REVIEW**

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R E V I S I O N S : D E S C R I P T I O N : D A T E : B Y : R E V :

PRELIMINARY	03/07/2025	DAD	A
PRELIMINARY	05/14/2025	SM	B
PRELIMINARY	06/06/2025	SM	C

SITE NAME:
AT&T: KING CITY

SITE NUMBER:

SFL0050A

SITE ADDRESS:
**51950 PINE CANYON RD
KING CITY, CA 93930**

PM&A PROJECT:
25TMO_08N-004

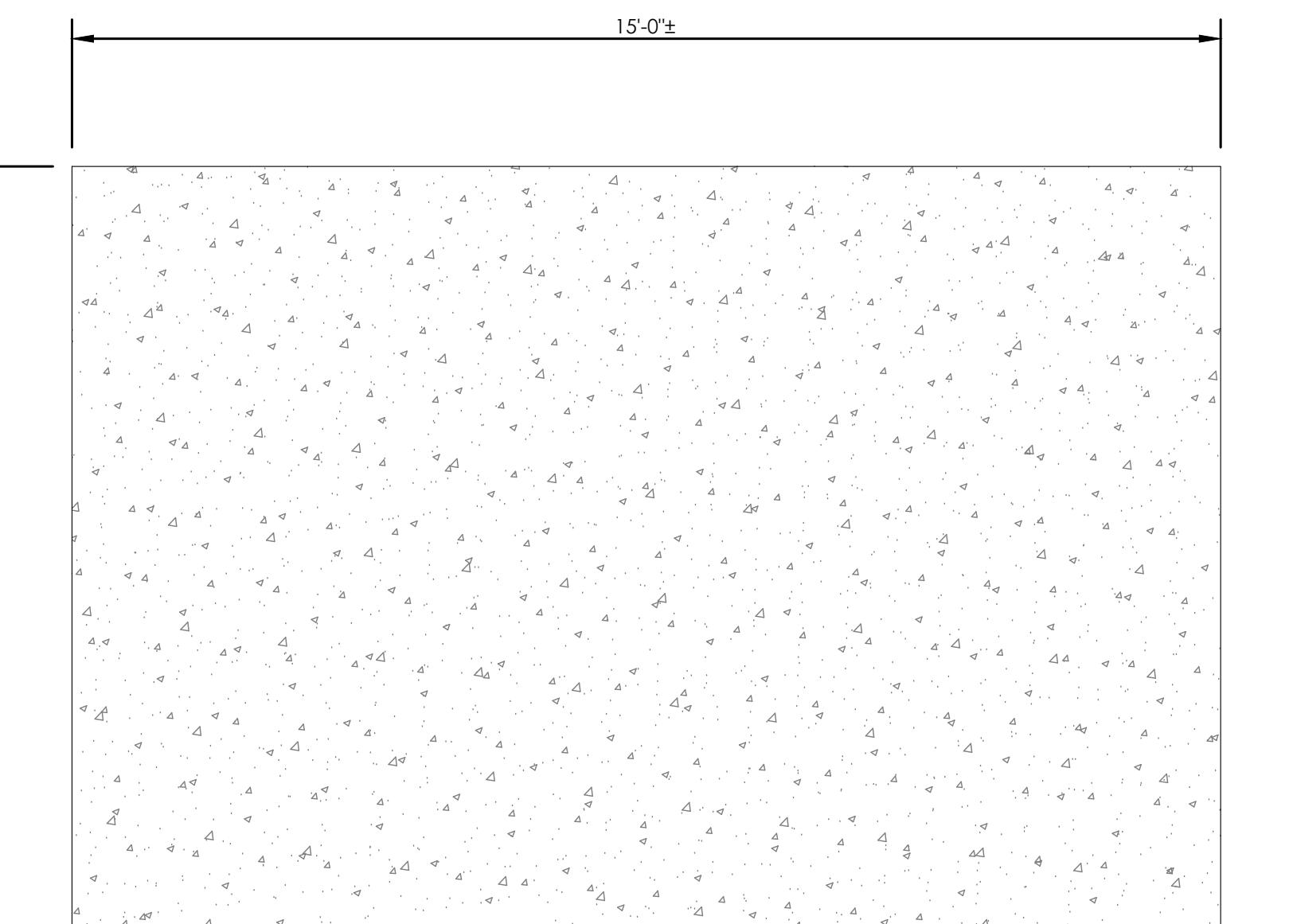
SHEET DESCRIPTION:
EQUIPMENT DETAILS

SHEET NUMBER:
A-13

NOTES

REINFORCED CONCRETE PAD (MINIMUM REQUIREMENTS):

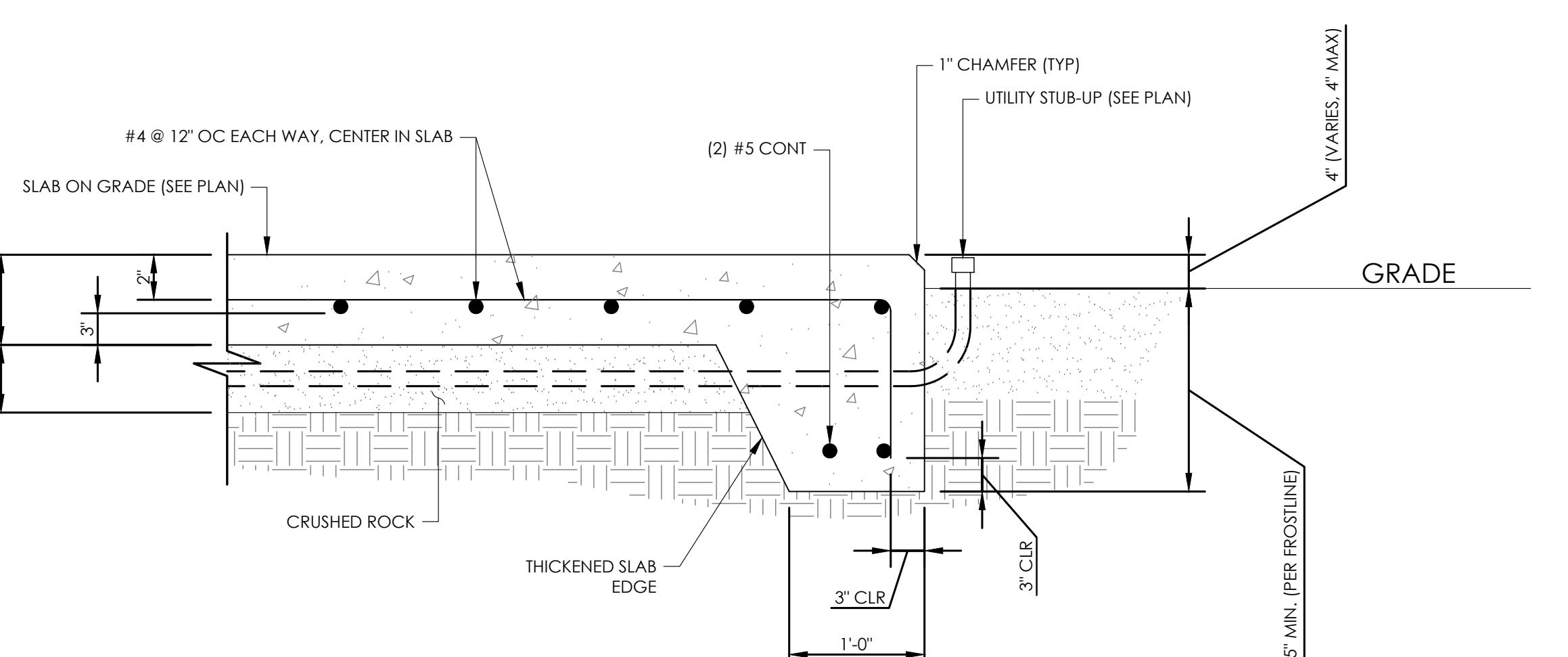
1. REINFORCED CONCRETE CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH ACI STANDARDS 318.
2. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
3. ALL REINFORCING STEEL SHALL BE NEW BILLET STEEL, CONFORMING TO ASTM A-615, GRADE 60, DEFORMED, CONSISTING OF MIN. #4 BARS @ 12' O.C. (MAX) EACH WAY.
4. UNLESS OTHERWISE NOTED, ALL DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL CONFORM TO THE MANUAL STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES. (ACI 315).
5. ALL BAR SPlices SHALL BE CLASS "B" TENSION SPlices, UNLESS OTHERWISE SHOWN.
6. ALL EXPOSED EXTERNAL CORNERS OF CONCRETE TO BE TOOLED EDGE, UNLESS OTHERWISE NOTED.
7. CONTRACTOR SHALL REFER TO DRAWINGS OF THEIR TRADES AND VENDOR DRAWINGS FOR EMBEDDED ITEMS AND RECESSES.
8. CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATION OF ALL ELECTRICAL OPENINGS AND EQUIPMENT PADS WITH THE ELECTRICAL EQUIPMENT DETAIL AND SHOP DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL OPENINGS AND SLEEVES FOR PROPER DISTRIBUTION FOR ALL UTILITIES.
9. CONCRETE PAD WAS DESIGNED ASSUMING EXISTING SURFACE SOILS BEING PAD HAVE MINIMUM NET ALLOWABLE BEARING PRESSURE OF 1500 PSF.
10. SOIL BEARING CAPACITY SHOULD BE VERIFIED BY CONTRACTOR WITH THE SPECIFIC GEOTECHNICAL REPORT. IF THIS MINIMUM IS NOT MET, FURTHER REVIEW OF DESIGN OR SPECIAL DESIGN MAY BE REQUIRED.
11. THE SOIL BENEATH THE CONCRETE PAD MUST BE FREE OF ORGANIC MATTER OR OTHER DELETERIOUS SUBSTANCES, AND SHOULD BE COMPACTED AND LEVELED BEFORE PLACING THE GRAVEL BASE MATERIAL.



CONCRETE PAD NOTE

USE OF EXISTING CONCRETE PADS:

PM&A WAS NOT PROVIDED WITH AS BUILT INFORMATION FOR EXISTING CONCRETE PADS. CONTRACTOR SHALL VERIFY THAT EXISTING CONCRETE PADS ARE OF MIN. THICKNESS, REINFORCEMENT AND COMPRESSIVE STRENGTH AS WELL AS MEET THE MIN. REQUIREMENTS AS LISTED ABOVE PRIOR TO INSTALLING NEW GENERATOR ON EXISTING PAD. IN CASES WHERE EXISTING PAD DOES NOT MEET MIN. REQUIREMENTS THE CONTRACTOR SHALL NOTIFY T-MOBILE AND CONFIRM AND RECEIVE APPROVAL FROM SITE CM TO REPLACE EXISTING PAD WITH NEW PAD AS DETAILED ON THIS SHEET. IF EXISTING GENERATOR CONDUIT STUB-UPS ARE PRESENT, CONTRACTOR TO VERIFY EXACT LOCATION AND UTILIZE EXISTING CONDUITS FOR NEW GENERATOR.



CONCRETE SLAB PLAN 1

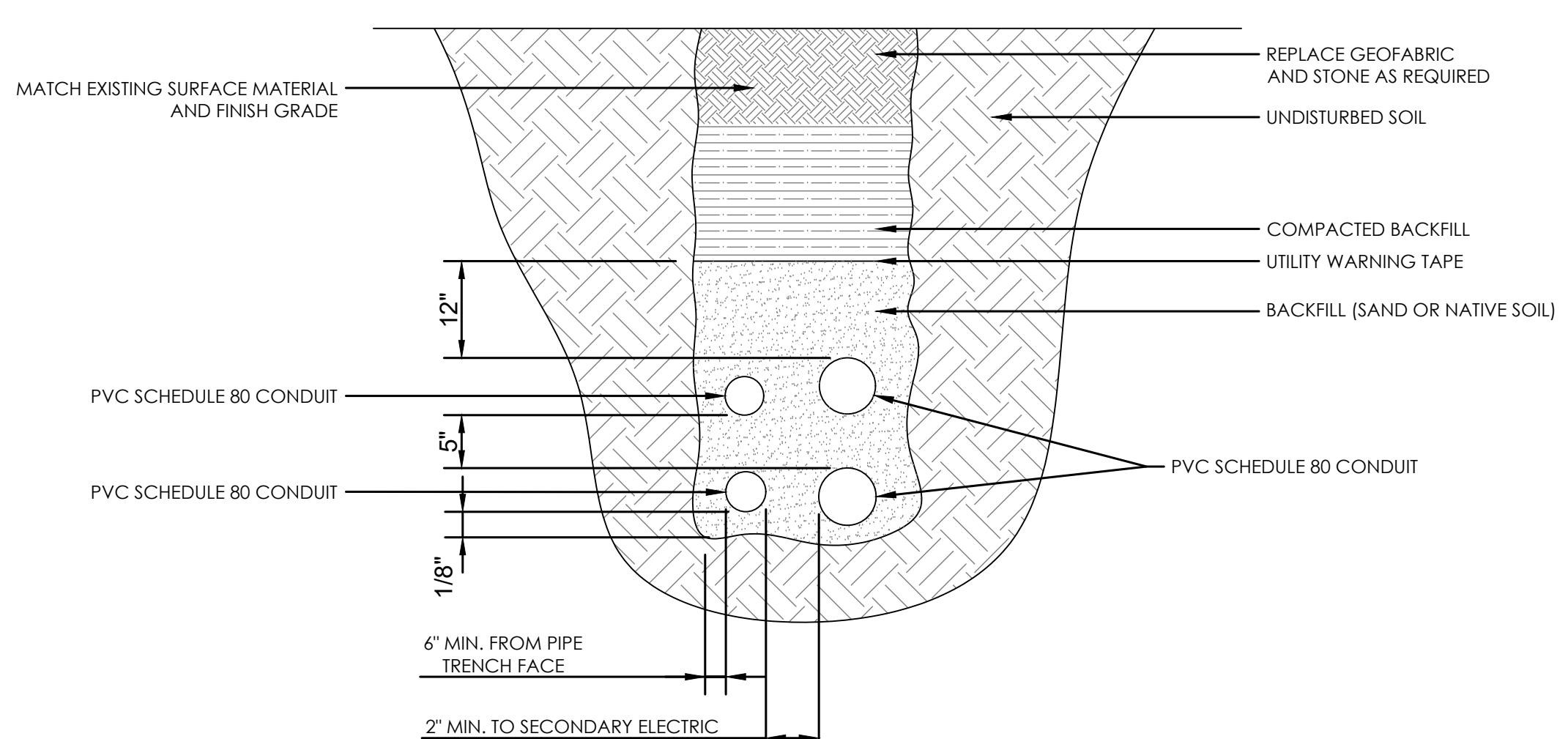
NOT TO SCALE

CONNECTION DETAIL 2

NOT TO SCALE

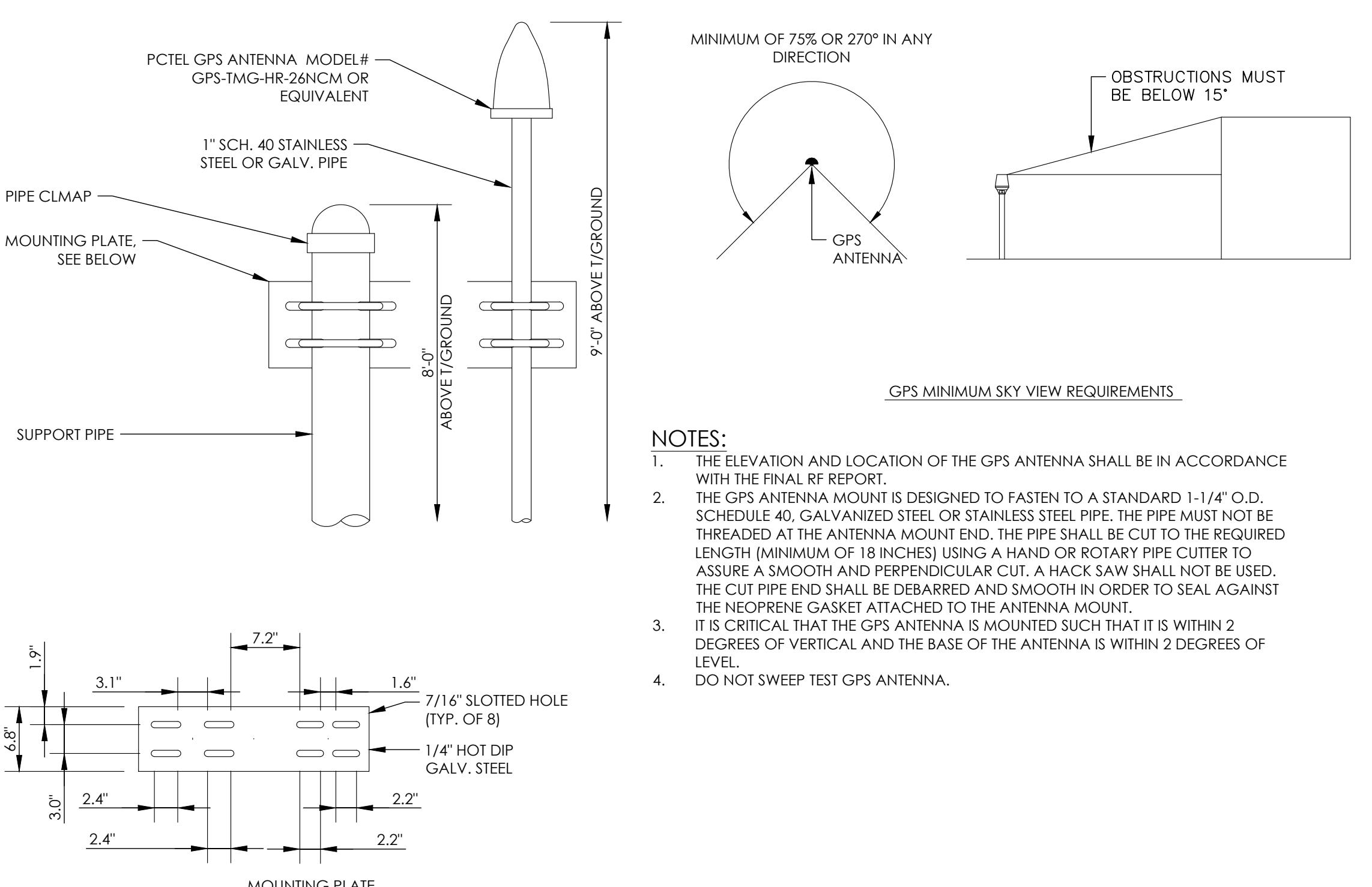
INSTALLATION NOTES:

- PROPOSED 3" PVC CONDUIT FROM PPC TELCO BAY TO MAIN TELCO DEMARC. PROVIDE PULLSTRINGS IN ACCORDANCE WITH UTILITY REQUIREMENTS.
- PROPOSED 2" PVC CONDUIT FROM METER TO PPC POWER BAY.
- PROPOSED 2" POWER CONDUIT ROUTED FROM PPC TO NEW 6160 CABINET.
- PROPOSED 2" CONDUITS ROUTED FROM CIENA TO NEW 6160 CABINET FOR POWER, ALARM AND FIBER CABLING.
- PROPOSED 2" WATER TIGHT CONDUITS FOR BATTERY CABLE AND ALARMING.
- PROPOSED GPS CABLE ROUTED TO ERICSSON 6160 CABINET.
- EXPOSED HYBRID CABLES AND GPS GABLE TO BE INSTALLED IN CABLE TRAY OR ICE BRIDGE TO PREVENT POSSIBLE DAMAGE.
- PROPOSED TECH DUPLEX WORK OUTLET INSIDE PPC CABINET.
- PROPOSED PVC FLEX CONDUIT FROM PPC POWER PANEL TO LED FLOOD LIGHT SWITCH.
- PROPOSED 1-1/4" TELCO CONDUIT FROM FIBER N.I.U. TO PPC CABINET TELCO CHAMBER.
- ALL TRENCHING REQUIRED W/IN COMPOUND SHALL BE PERFORMED BY HAND-DIGGING ONLY. SEPARATION DIMENSIONS TO BE VERIFIED W/ LOCAL UTILITY COMPANY REQUIREMENTS.
- ALL BURIED CONDUIT SHALL BE PVC SCHEDULE 80. ALL EXPOSED CONDUIT ROUTED ACROSS THE EXISTING CONCRETE SLAB SHALL BE GALVANIZED RGS, ON 1-5/8" UNISTRUT OR EQUIVALENT.



TRENCH DETAIL 1

NOT TO SCALE

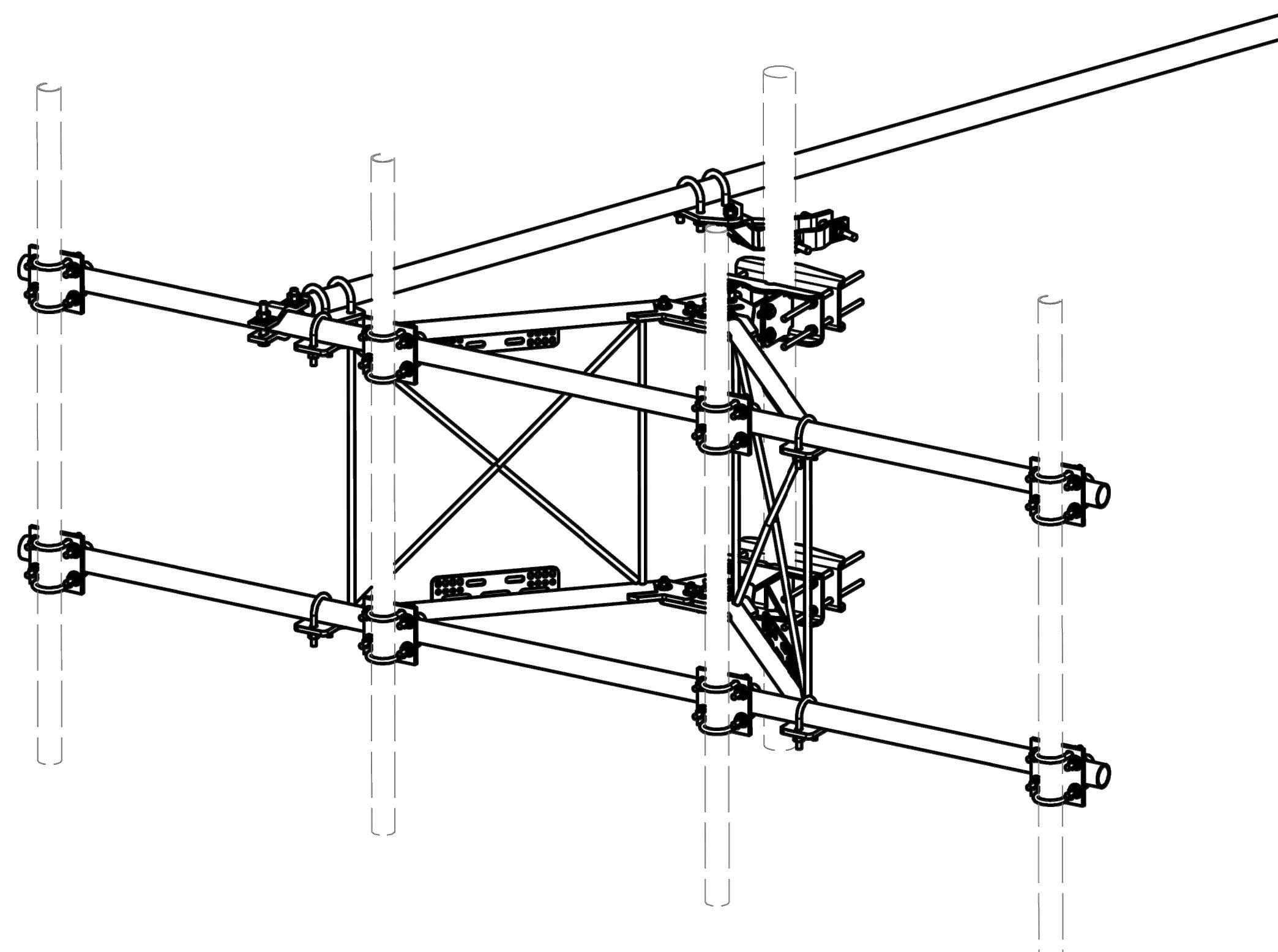


NOTES:

- THE ELEVATION AND LOCATION OF THE GPS ANTENNA SHALL BE IN ACCORDANCE WITH THE FINAL RF REPORT.
- THE GPS ANTENNA MOUNT IS DESIGNED TO FASTEN TO A STANDARD 1-1/4" O.D. SCHEDULE 40, GALVANIZED STEEL OR STAINLESS STEEL PIPE. THE PIPE MUST NOT BE THREADED AT THE ANTENNA MOUNT END. THE PIPE SHALL BE CUT TO THE REQUIRED LENGTH (MINIMUM OF 18 INCHES) USING A HAND OR ROTARY PIPE CUTTER TO ASSURE A SMOOTH AND PERPENDICULAR CUT. A HACK SAW SHALL NOT BE USED. THE CUT PIPE END SHALL BE DEBARRED AND SMOOTH IN ORDER TO SEAL AGAINST THE NEOPRENE GASKET ATTACHED TO THE ANTENNA MOUNT.
- IT IS CRITICAL THAT THE GPS ANTENNA IS MOUNTED SUCH THAT IT IS WITHIN 2 DEGREES OF VERTICAL AND THE BASE OF THE ANTENNA IS WITHIN 2 DEGREES OF LEVEL.
- DO NOT SWEEP TEST GPS ANTENNA.

GPS ANTENNA DETAIL 2

NOT TO SCALE



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-VFASD	SUPPORT ARM FOR STANDARD DUTY V-FRAME ASSEMBLY		45.34	90.69
2	1	X-SDTFLB	DIAGONAL SLOT WELDMENT FOR BCAM SD		15.08	15.08
3	1	X-SDMHTP	MULTI-HOLE TAPER PLATE WELDMENT		16.63	16.63
4	2	X-SDPP	PIVOT PLATE	11 1/16 in	9.09	18.18
5	2	X-LCBP2	BENT BACKING PLATE	12 in	8.86	17.73
6	1	X-SDCAMSS	STRAIGHT SLOT WELDMENT FOR BCAM		8.48	8.48
7	2	X-SPTB	SLIDING PIPE TIE BACK PLATE	5 1/2 in	5.87	11.74
8	1	X-SDCAMSP	POSITIONING PLATE WELDMENT FOR BCAM		1.43	1.43
9	2	X-TBCA	TIE BACK CLIP ANGLE		2.01	4.01
10	8	SCX1	CROSSOVER PLATE 2-3/8" X 2-3/8"	6 in	3.71	29.67
11	2	MCP	CLAMP HALF 1/2" THICK, 11-5/8" LONG	12 1/16 in	3.59	7.19
12	4	DCP	1/2" THICK, 5-3/4" CNTER TO CENTER CLAMP HALF	8 1/8 in	2.36	9.45
13	3	P2126	2-3/8" X 126" (2" SCH. 40) GALVANIZED PIPE	126 in	40.75	122.26
14	4	A34214	3/4"-10 X 2-1/4" A325 BOLT	2 1/4 in	0.47	1.89
15	4	G34FW	3/4" HDG USS FLATWASHER		0.06	0.24
16	4	G34LW	3/4" HDG LOCKWASHER		0.04	0.17
17	4	G34NUT	3/4" HDG HEAVY 2H HEX NUT		0.21	0.85
18	2	G58R-12	5/8" x 12" THREADED ROD (HDG.)		1.05	2.09
19	2	G58R-8	5/8" x 8" THREADED ROD (HDG.)		0.70	1.39
20	4	X-UB5258	5/8" X 2-5/8" X 4-1/2" X 2" U-BOLT (HDG.)		1.00	4.00
21	4	G5804	5/8" x 4" HDG HEX BOLT GR5		0.44	1.78
22	2	G5802	5/8" x 2" HDG HEX BOLT GR5		0.27	0.54
23	10	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	0.70
24	16	G58LW	5/8" HDG LOCKWASHER		0.03	0.42
25	18	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	2.34
26	8	G12R-15	1/2" x 15" THREADED ROD (HDG.)		0.84	6.69
27	36	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" GALV. U-BOLT		0.66	23.86
28	2	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	5 1/2 in	0.41	0.82
29	1	G12045	1/2" x 4.5" HDG HEX BOLT GR5 FULL THREAD	4 1/2 in	0.30	0.30
30	8	G1202	1/2" x 2" HDG HEX BOLT GR5	2 in	0.18	1.41
31	85	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	2.90
32	98	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	1.36
33	99	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	7.09
					TOTAL WT. #	413.36

					TOLERANCE NOTES						
					<p>TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE: SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030"$) DRILLED AND GAS CUT HOLES ($\pm 0.030"$) - NO CONING OF HOLES LASER CUT EDGES AND HOLES ($\pm 0.010"$) - NO CONING OF HOLES BENDS ARE $\pm 1/2$ DEGREE ALL OTHER MACHINING ($\pm 0.030"$) ALL OTHER ASSEMBLY ($\pm 0.060"$) </p>						
					<p>DESCRIPTION</p> <p>10'-6" STANDARD DUTY V-FRAME ASSEMBLY W/ 1 STIFF ARMS</p>						
					<p>CPD NO.</p> <p>CEK</p>		<p>DRAWN BY</p> <p>6/21/2017</p>		<p>ENG. APPROVAL</p>		
<p>A UPDATED BCAM VERSION 1 TO BCAM VERSION 2</p>											
REV	DESCRIPTION OF REVISIONS		CPD	BY	DATE						
<p>REVISION HISTORY</p>					<p>PROPRIETARY NOTE: THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF</p>		CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. N. C.
					81	02	CUSTOMER	BMC	7/13/2017	VFA10-SD-S	

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REVISIONS:	DESCRIPTION	DATE	BY	REV
	PRELIMINARY	03/07/2025	DAD	A
	PRELIMINARY	05/14/2025	SM	B
	PRELIMINARY	06/06/2025	SM	C

SITE NAME:
AT&T: KING CITY

SITE NUMBER:

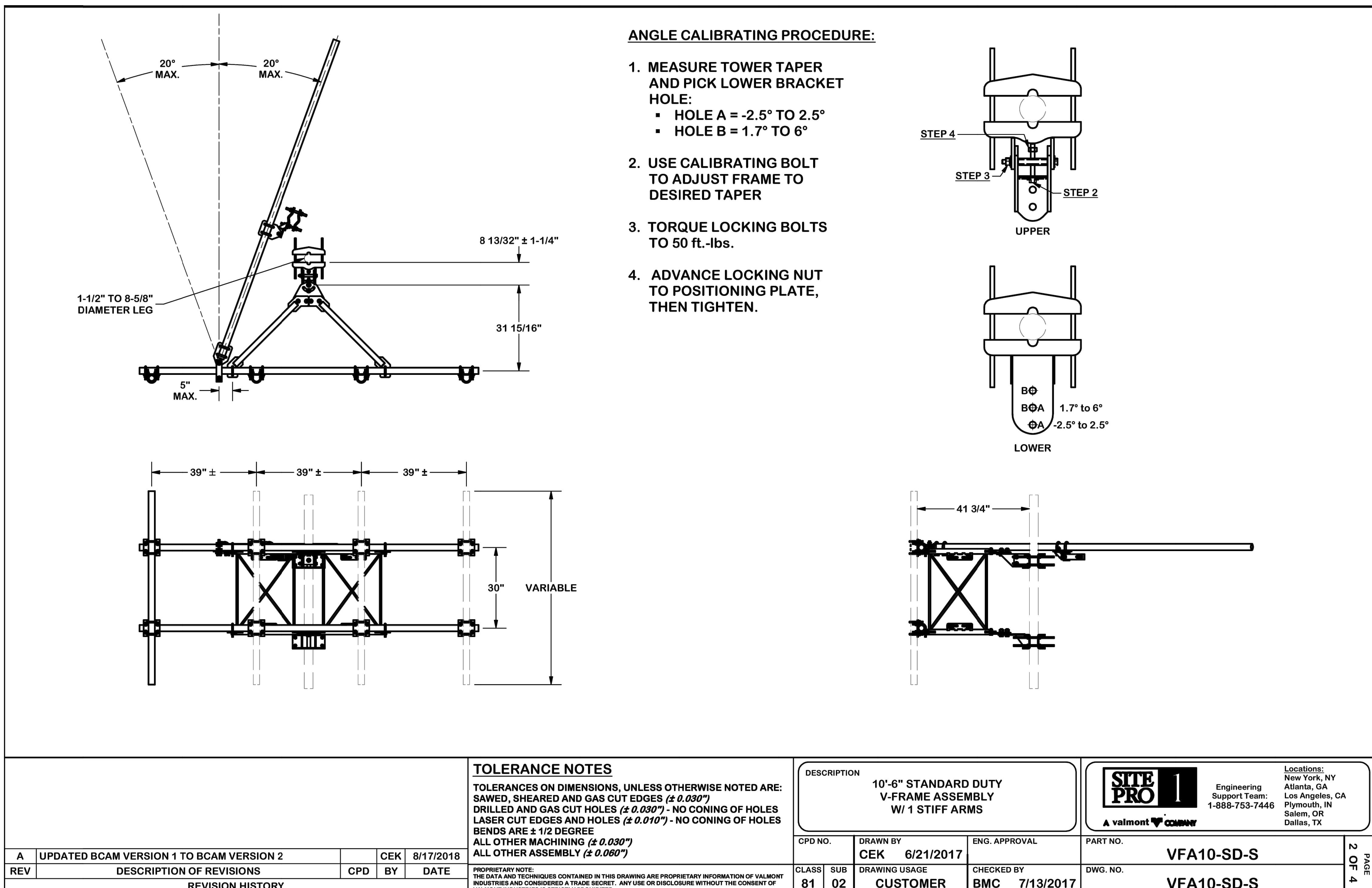
SFL0050A

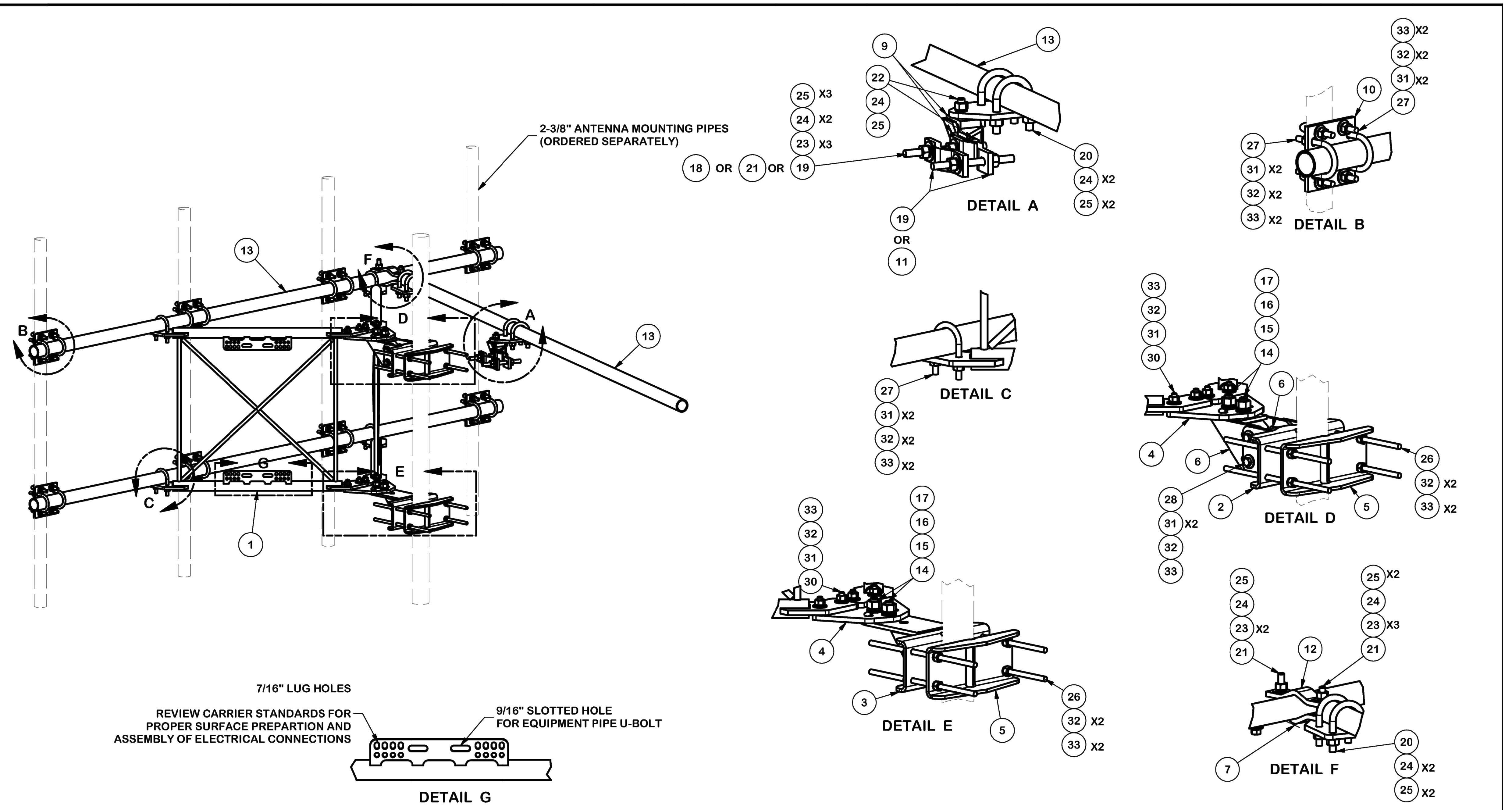
SITE ADDRESS:
**51950 PINE CANYON RD
KING CITY, CA 93930**

PM&A PROJECT:
25TMO_08N-004

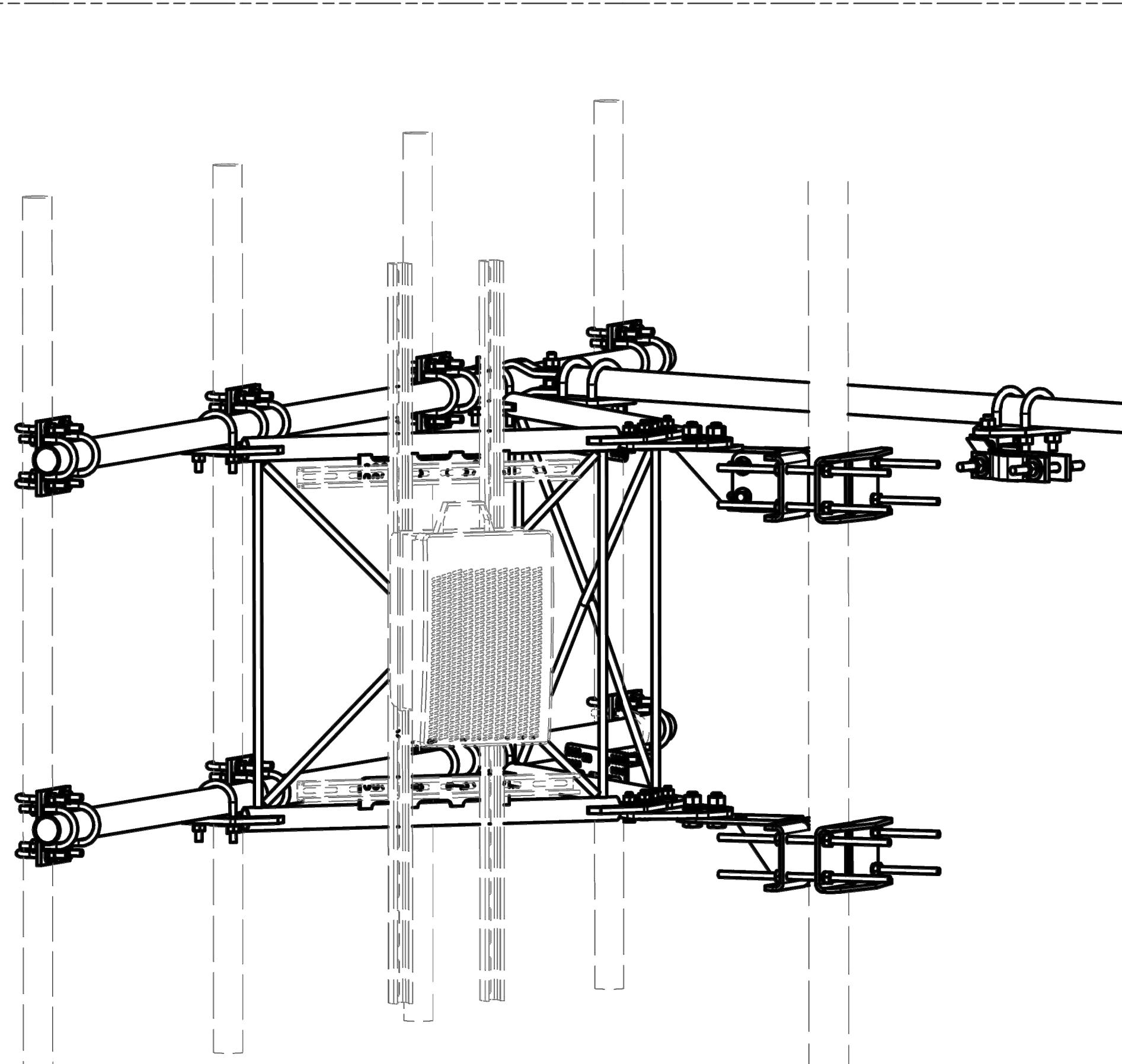
SHEET DESCRIPTION:
EQUIPMENT DETAILS

SHEET NUMBER:
A-14.1



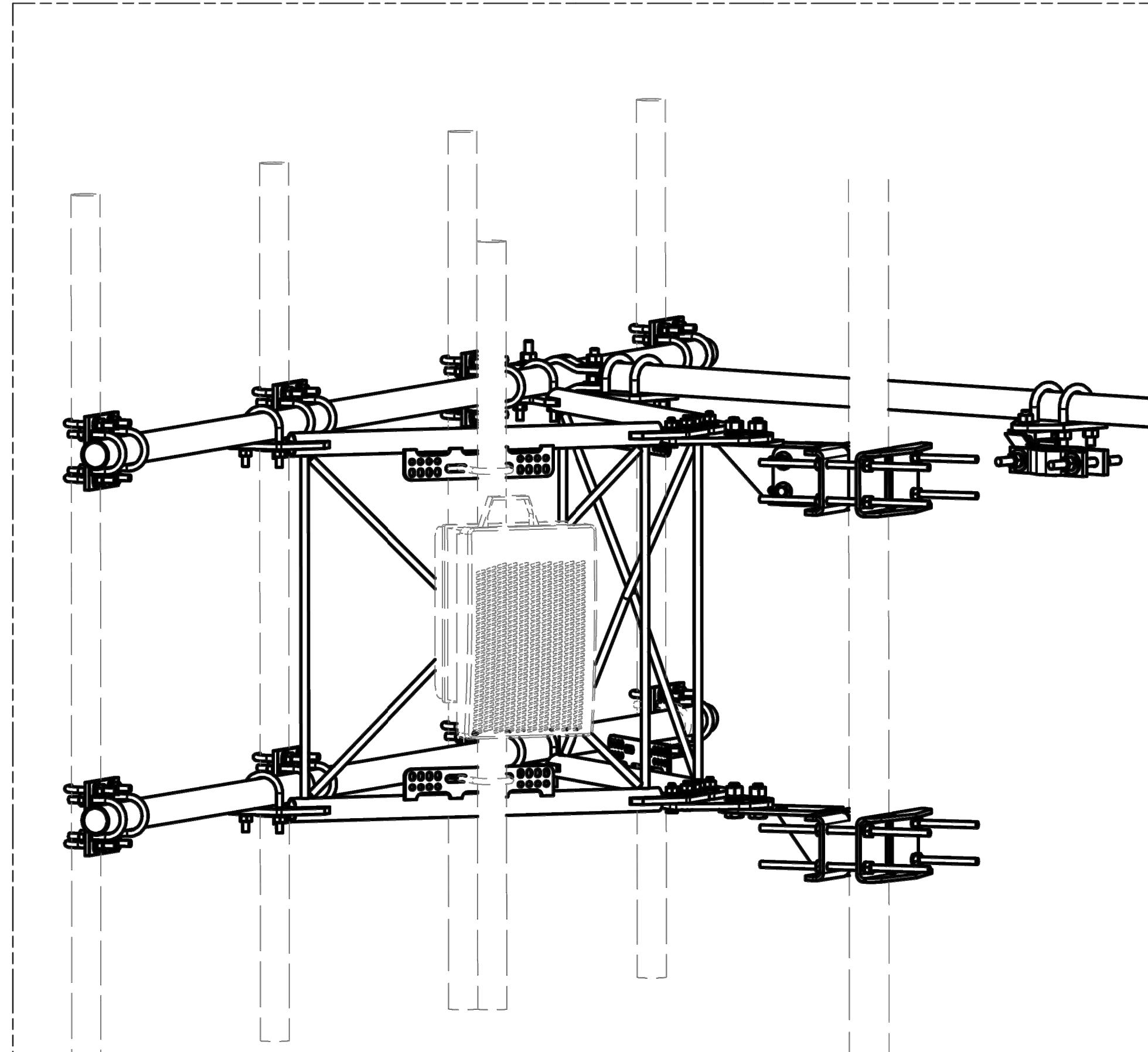


					TOLERANCE NOTES					
<p>TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE: SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030"$) DRILLED AND GAS CUT HOLES ($\pm 0.030"$) - NO CONING OF HOLES LASER CUT EDGES AND HOLES ($\pm 0.010"$) - NO CONING OF HOLES BENDS ARE $\pm 1/2$ DEGREE ALL OTHER MACHINING ($\pm 0.030"$) ALL OTHER ASSEMBLY ($\pm 0.060"$)</p>					DESCRIPTION 10'-6" STANDARD DUTY V-FRAME ASSEMBLY W/ 1 STIFF ARMS		 Site Pro A valmont COMPANY		Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX	
A	UPDATED BCAM VERSION 1 TO BCAM VERSION 2		CEK	8/17/2018	CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	VFA10-SD-S	
REV	DESCRIPTION OF REVISIONS		CPD	BY	DATE	CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
					PROPRIETARY NOTE: THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.					
REVISION HISTORY					81	02	CUSTOMER	BMC	7/13/2017	



UNISTRUT AND HARDWARE SOLD SEPARATELY.

REQUIRES 3/8" HARDWARE



EQUIPMENT PIPE AND HARDWARE SOLD SEPARATELY.

**REQUIRES 1/2" HARDWARE
AND 2-3/8" TO 4-1/2" O.D. PIPE**

PARTS LIST

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT	
1	6	X-LWRM	RING MOUNT WELDMENT		.68.16	408.96	
2	3	P472	4-1/2" X 72" SCH. 40 GALVANIZED PIPE	72 in	.64.89	194.68	
3	12	X-214130	BENT PLATE V-CLAMP	12 5/8 in	.11.43	137.16	
4	24	G58R-14	5/8" x 14" THREADED ROD (HDG.)	14 in	.040	9.57	
5	18	G58R-48	5/8" x 48" THREADED ROD (HDG.)	48 in	.055	9.90	
6	18	G58R-24	5/8" x 24" THREADED ROD (HDG.)	24 in	.055	9.90	
7	36	A58FW	5/8" HDG A325 FLATWASHER		.003	1.08	
8	108	G58LW	5/8" HDG LOCKWASHER		.003	3.24	
9	108	A58NUT	5/8" HDG A325 HEX NUT		.013	14.04	
						TOTAL WT. #	788.53

SECTION A-A

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030"$)
DRILLED AND GAS CUT HOLES ($\pm 0.030"$) - NO CONING OF HOLES
LASER CUT EDGES AND HOLES ($\pm 0.010"$) - NO CONING OF HOLES
BENDS ARE $\pm 1/2$ DEGREE
ALL OTHER MACHINING ($\pm 0.030"$)
ALL OTHER ASSEMBLY ($\pm 0.060"$)

PROPRIETARY NOTE:
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DESCRIPTION
MONOPOLE SECTOR FRAME ATTACHMENT ASSEMBLY

SITE PRO 1
Engineering Support Team:
1-888-753-7446
A valmont COMPANY

Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
KC8	3/18/2016	3RD PARTY	MSFAA
01	01	DRAWING USAGE	CHECKED BY
		CUSTOMER	BMC 5/2/2016
		CLASS	SUB
		DWG. NO.	1 OF 1
		MSFAA	

PLANS PREPARED FOR:
T-Mobile
1200 CONCORD AVENUE SUITE 500
CONCORD CA 94520

PLANS PREPARED BY:
PM&A
P. MARSHALL & ASSOCIATES
6801 PORTWEST DR., SUITE 100
HOUSTON, TX 77024

OEM:
NETWORK CONNEX

MLA PARTNER:

ENGINEERING SEAL:
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PRELIMINARY		05/14/2025	SM	B
PRELIMINARY		06/06/2025	SM	C

SITE NAME:
AT&T: KING CITY

SITE NUMBER:

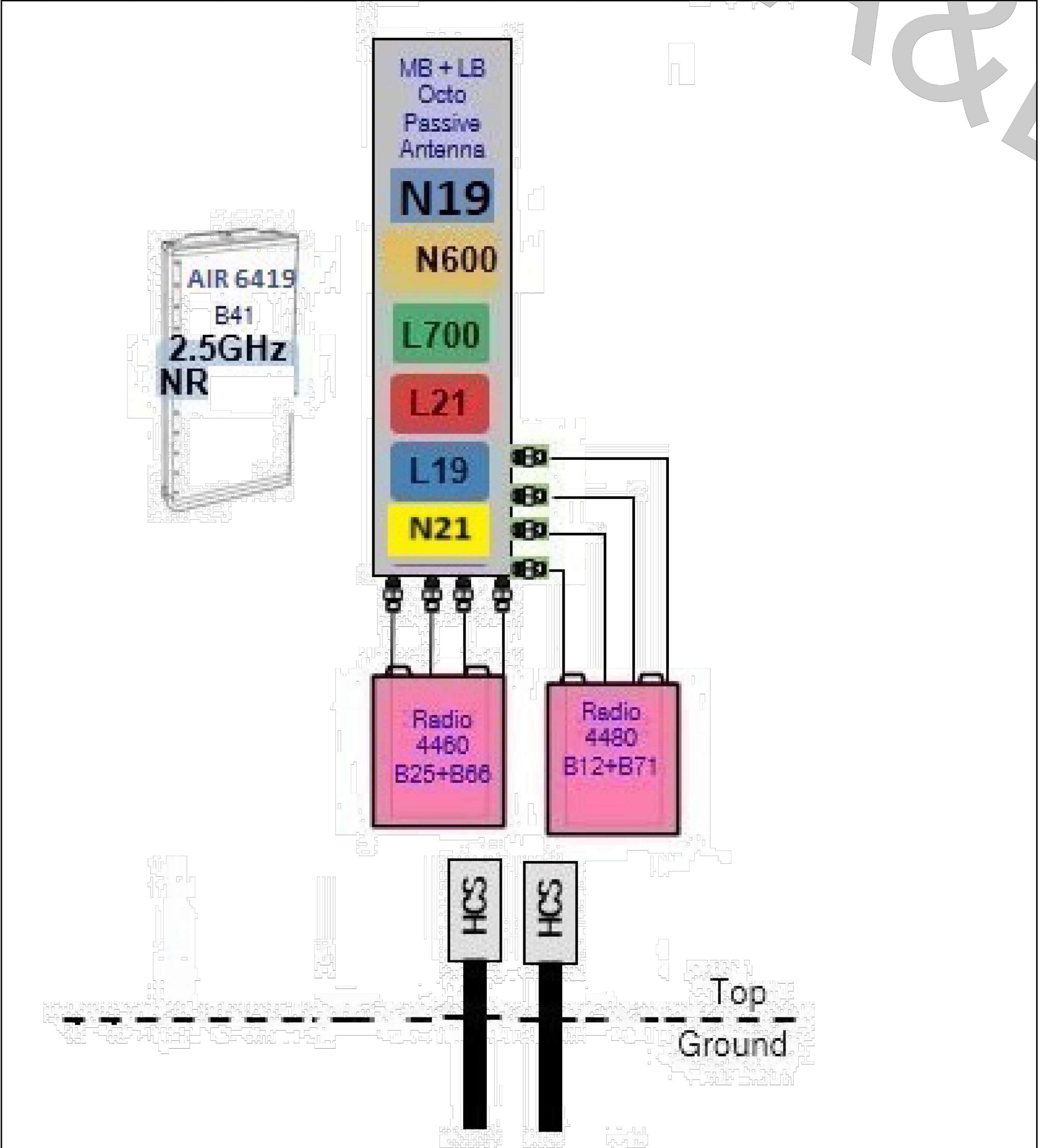
SFL0050A

SITE ADDRESS:
**51950 PINE CANYON RD
KING CITY, CA 93930**

PM&A PROJECT:
25TMO_08N-004

SHEET DESCRIPTION:
PLUMBING DIAGRAM

SHEET NUMBER:
RF-1



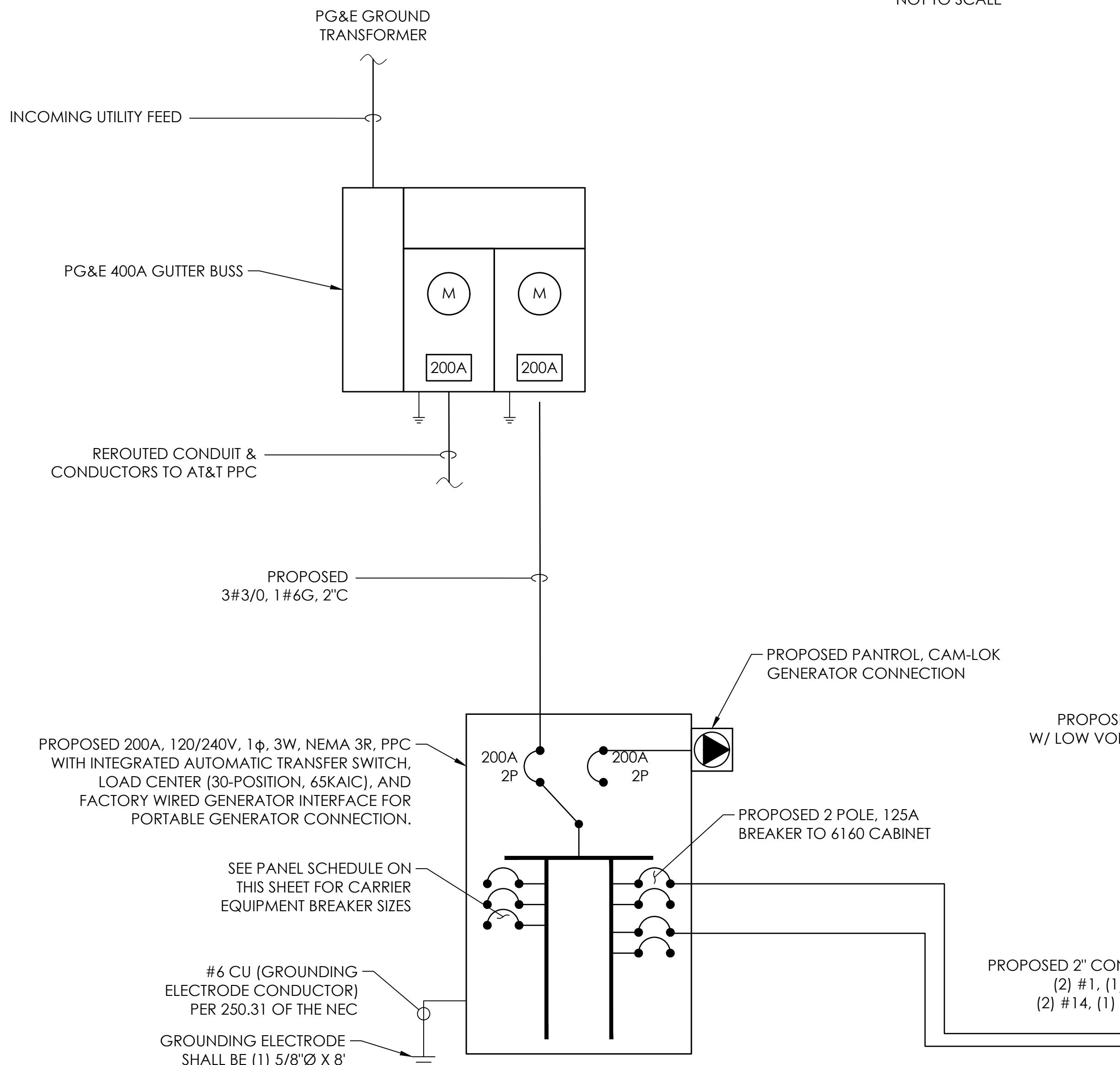
Notes:

GENERAL ELECTRICAL NOTES:

1. ALL ELECTRICAL WORK SHALL COMPLY WITH NEC, STATE, AND LOCAL CODES.
2. CONTRACTOR SHALL OBTAIN OWNER/TENANT SPECIFICATIONS AND REVIEW FOR ADDITIONAL DETAILS AND REQUIREMENTS THAT MAY NOT BE SHOWN IN THESE DRAWINGS. CONTRACTOR SHALL COMPLY WITH ANY ADDITIONAL OWNER/TENANT SPECIFICATIONS AND REQUIREMENTS.
3. CONTRACTOR SHALL COORDINATE WITH THE ELECTRIC UTILITY FOR THE EXACT TRANSFORMER LOCATION, METERING REQUIREMENTS, AND SERVICE ROUTING. CONTRACTOR SHALL COORDINATE WITH THE TELEPHONE UTILITY FOR THE EXACT TELEPHONE REQUIREMENTS AND SERVICE ROUTING.
4. PRIOR TO PURCHASING EQUIPMENT, THE CONTRACTOR SHALL CONTACT THE ELECTRIC UTILITY AND OBTAIN IN WRITING THE MAXIMUM AVAILABLE FAULT CURRENT AT THE UTILITY SERVICE POINT. PROVIDE MAX AFC SIGNAGE AS REQUIRED PER NEC 110.24 . THE CONTRACTOR SHALL ENSURE ALL ELECTRICAL EQUIPMENT, CIRCUIT BREAKERS, DISCONNECTS, FUSES, AND PANELBOARDS HAVE A FAULT CURRENT INTERRUPTING RATING GREATER THAN THE AVAILABLE FAULT CURRENT. IN NO CASE SHALL THE FAULT CURRENT INTERRUPTING RATING BE LESS THAN 10,000 AMPS.
5. CONTRACTOR TO PROVIDE 2-200 LB TEST POLYETHYLENE PULL CORDS SECURELY FASTENED AT EACH END OF POWER AND TELCO CONDUIT. PROVIDE CAPS ON ENDS OF UNUSED CONDUIT.
6. CONTRACTOR TO PROVIDE A REBAR MARKER WITH AT LEAST 2 FEET EXPOSED ABOVE GRADE AND PAINTED BRIGHT ORANGE TO INDICATE LOCATION OF CONDUIT CAPPED BELOW GRADE.
7. PRIOR TO TRENCHING, CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL REPAIR AT CONTRACTOR'S EXPENSE ANY DAMAGE TO EXISTING UTILITIES.
8. CONTRACTOR TO VERIFY EXACT ROUTING OF POWER AND TELCO CONDUIT WITH LOCAL UTILITIES AND OWNER/TENANT. ENSURE ALL CONDUIT STUB-UPS ACCOMMODATE EQUIPMENT REQUIREMENTS.
9. UNDERGROUND CONDUITS SHALL BE SCHEDULE 40 PVC UNLESS NOTED OTHERWISE. USE SCHEDULE 80 PVC UNDER ROADS. USE LONG-SWEEP RIGID GALVANIZED STEEL (RGS) FOR ELBOWS. USE RGS FOR RISERS TO EQUIPMENT. MANUFACTURED BENDS SHALL HAVE A MINIMUM RADIUS OF 36" FOR CONDUIT .
10. CONDUIT RUNS SHALL HAVE A CONTINUOUS SLOPE DOWNWARD AND AWAY FROM THE EQUIPMENT TO ALLOW WATER TO FLOW AWAY FROM THE EQUIPMENT AND SHELTER. EXCAVATE TRENCHES ALONG STRAIGHT LINES PRIOR TO INSTALLING CONDUIT TO ACCOMMODATE ADJUSTING THE ELEVATION, AS NEEDED.
11. CONDUIT ENTERING EQUIPMENT SHALL BE SEALED WITH A SEALANT THAT IS IDENTIFIED FOR USE WITH THE CABLE/CONDUCTOR INSULATION, SHIELDING, ETC.
12. THE OWNER SHALL FURNISH AND THE CONTRACTOR SHALL INSTALL ADDITIONAL SIGNAGE TO BE LOCATED AT THE COMPOUND FENCE. CONTRACTOR SHALL COORDINATE WITH OWNER/TENANT ECO-SITE CONSTRUCTION MANAGER FOR PLACEMENT OF SIGNAGE.
13. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO THE LANDSCAPING AREA.
14. CONTRACTOR SHALL PROVIDE A LABEL TO READ: "OPENING THE SHELTER DISCONNECT WILL CAUSE THE SHELTER GENERATOR TO START. TO REMOVE POWER ENTIRELY FROM THE SHELTER, THE GENERATOR MUST BE TURNED OFF AND THE GENERATOR BREAKER MUST BE OPENED."
15. CONTRACTOR SHALL ENSURE A MINIMUM 3' CLEARANCE IN FRONT OF ELECTRICAL PANELS PER NEC.
16. ALL ELECTRICAL MATERIALS, DEVICES, APPLIANCES AND EQUIPMENT SHALL BE LABEL LISTED BY AN APPROVED THIRD PARTY TESTING AGENCY.
17. ALL EQUIPMENT SHALL BE NEMA 3R RATED.
18. ALL EQUIPMENT SHALL BE LIGHTNING PROTECTED IN ACCORDANCE WITH TIA-222-G AND T-MOBILE STANDARDS.
19. CONDUCTOR SIZES AND DISTANCES HAVE BEEN SIZED FOR 3% MAX VOLTAGE DROP (TOTAL SYSTEM VOLTAGE DROP ON BOTH FEEDERS AND BRANCH CIRCUITS TO THE FARTHEST DEMAND SHALL NOT EXCEED 5%).
20. WIRE SIZING AND MAXIMUM DISTANCE FROM GENERATOR TO PPC ASSUMES POWER FACTOR OF 0.9.
21. BELOW GRADE CONDUIT SHALL BE SCHEDULE 40 PVC. ABOVE GRADE CONDUIT SHALL BE GALVANIZED RIGID CONDUIT. BELOW GRADE PVC CONDUIT SHALL TRANSITION TO GRC PRIOR TO RISING ABOVE GRADE. ALL BENDS SHALL HAVE A MINIMUM 24" RADIUS. ALL FITTINGS SHALL BE SUITABLE FOR USE WITH THREADED RIGID CONDUIT. VERIFY CONDUIT TYPE WITH LOCAL CONSTRUCTION MANAGER AND ADJUST IF

PANEL SCHEDULE

NOT TO SCALE



NOTE:
THE HEIGHT OF METER MOUNTING DEVICES SHALL BE SUCH THAT THE CENTER OF THE OPENING FOR THE METER IS BETWEEN 4'-0" & 6'-0". A FREE SPACE OF 36" MIN. CLEARANCE IN FRONT & 2" ON SIDES, TOP, & BOTTOM. METERS & DISCONNECTS SHALL ALSO BE INSTALLED BELOW WIRE GUTTER. WHERE SITES LIE WITHIN A FLOOD RISK ZONE. BOTTOM OF METER & DISCONNECT SHALL BE A MINIMUM OF 2'-0" ABOVE 500 YEAR BASE FLOOD ELEVATION.

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PRELIMINARY	05/14/2025	SM	B	
PRELIMINARY	06/06/2025	SM	C	

SITE NAME:

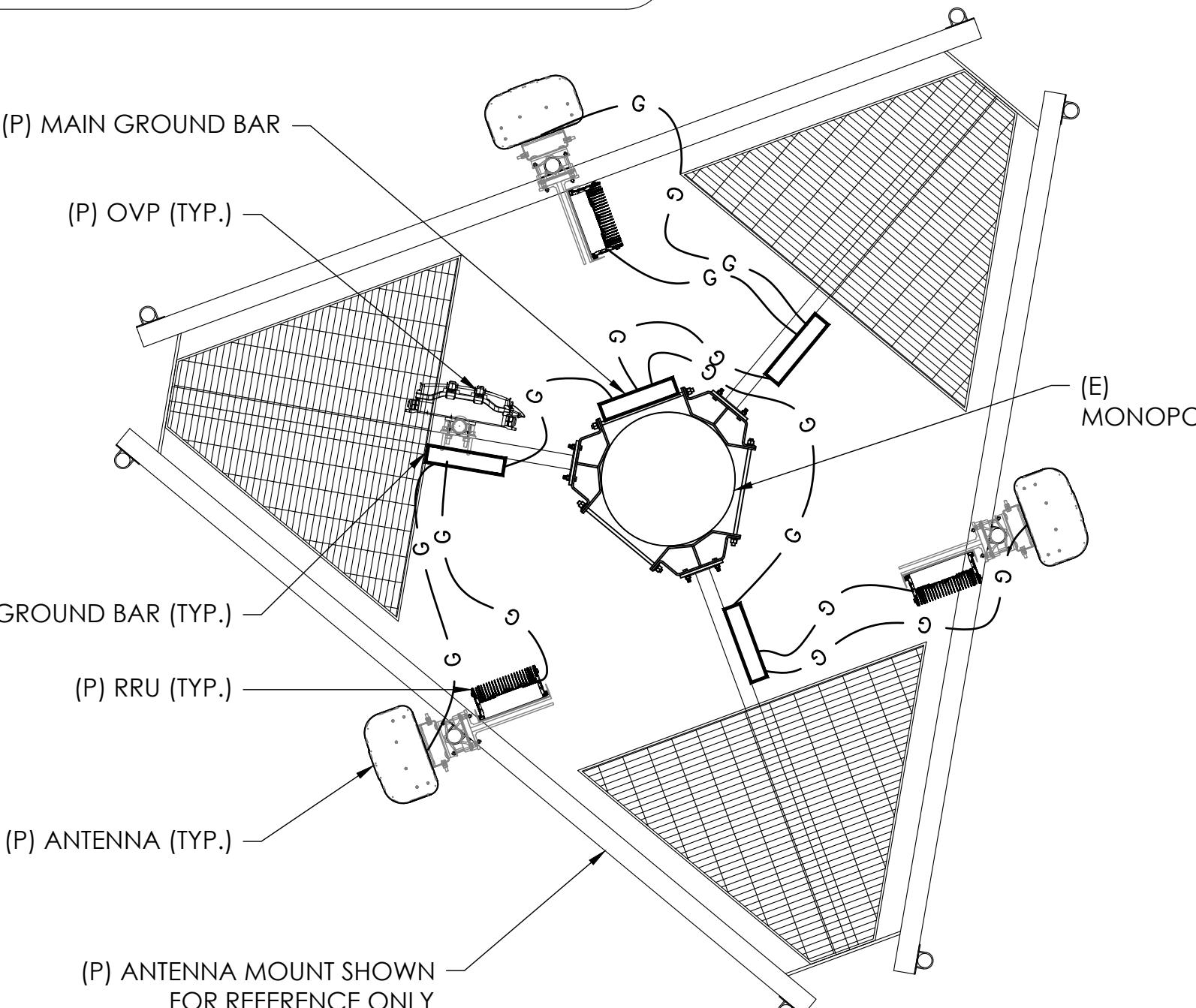
SITE ADDRESS: 51950 PINE CANYON RD

SHEET DESCRIPTION: XXXXXXXXXX

GROUNDING KEY NOTES:

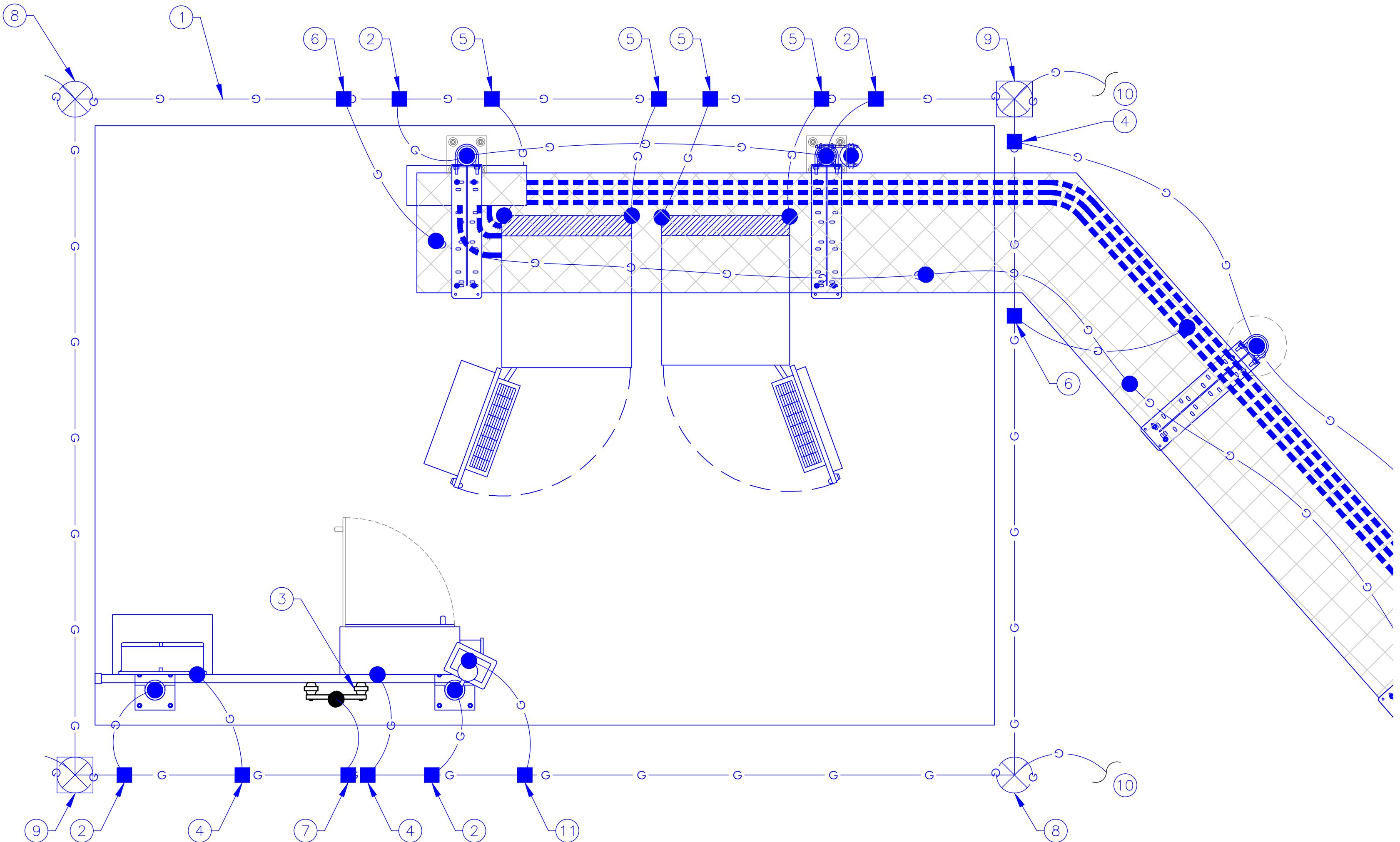
- 1 #2 AWG BARE TINNED SOLID COPPER GROUND RING BURIED 30" BELOW GRADE (TYP).
- 2 BOND ALL ICE BRIDGE, ICE CANOPY POSTS & H-FRAME POSTS TO GROUND RING (TYP).
- 3 PROPOSED GROUND BAR.
- 4 PROPOSED #2 AWG STRANDED GREEN INSULATED COPPER WIRE FROM PROPOSED EQUIPMENT TO GROUND RING. GROUND EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS.
- 5 GROUND EQUIPMENT CABINET PER MANUFACTURER'S SPECIFICATIONS.
- 6 BOND EACH ICE BRIDGE SECTION TOGETHER WITH JUMPERS (TYP. FOR ENTIRE LENGTH OF ICE BRIDGE). BOND FIRST AND LAST SECTION TO GROUND BAR.
- 7 BOND GROUND BAR TO GROUND RING WITH #2 AWG SOLID BARE TINNED COPPER WIRE.
- 8 PROPOSED GROUND ROD (TYP).
- 9 PROPOSED GROUND ROD WITH INSPECTION WELL (TYP).
- 10 BOND PROPOSED GROUND RING TO EXISTING MAIN GROUND RING.
- 11 BOND ALL PROPOSED TECH LIGHTS TO GROUND RING.
- 12 GROUND POWER METER PER NEC AND LOCAL UTILITY SPECIFICATIONS
- 13 GROUND POWER DISCONNECT SWITCH AS REQUIRED BY NEC AND LOCAL UTILITY SPECIFICATIONS

GROUNDING LEGEND



TYPICAL ANTENNA GROUNDING

1



GROUNDING PLAN

2

3/4"=1'-0" (FULL SIZE)
3/8"=1'-0" (11x17)

1

ELECTRICAL ROUNDING PLAN

NUMBER:

The image features the T-Mobile logo on the left, consisting of a pink 'T' icon followed by the word 'Mobile' in a black, sans-serif font with a small dot on the 'i'. To the right of the logo is a horizontal line of text: 'PLANS PREPARED FOR: [REDACTED]' above the address. The address '1200 CONCORD AVENUE SUITE 500 CONCORD CA 94520' is centered below the logo.

The logo consists of the letters 'PM&A' in a bold, black, sans-serif font. The letter 'A' has a small ampersand inside its upper loop. A thick green border surrounds the letters. Below the logo, the text 'MARSHALL & ASSOCIATES' is written in a smaller, black, sans-serif font. Underneath that, the address 'PORTWEST DR., SUITE 100' and 'HOUSTON, TX 77024' is also in a black, sans-serif font.

NETWORK CONNEX

MLA PARTNER: [REDACTED]

ENGINEERING SEAL: █

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PRELIMINARY	05/14/2025	SM	B	
PRELIMINARY	06/06/2025	SM	C	

SITE NAME: ■■■■■

SITE NUMBER

SEI 0050A

SITE ADDRESS: **51950 PINE CANYON RD
KING CITY CA 93930**

SHEET DESCRIPTION: ■

ELECTRICAL GROUNDING PLAN

SHEET NUMBER:

PLANS PREPARED FOR:
T-Mobile
1200 CONCORD AVENUE SUITE 500
CONCORD CA 94520

PLANS PREPARED BY:
PM&A
P. MARSHALL & ASSOCIATES
6801 PORTWEST DR., SUITE 100
HOUSTON, TX 77024

OEM:
NETWORK CONNEX

MLA PARTNER:

ENGINEERING SEAL:
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REVISIONS:

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PRELIMINARY	05/14/2025	SM	B
PRELIMINARY	06/06/2025	SM	C

SITE NAME:
AT&T: KING CITY

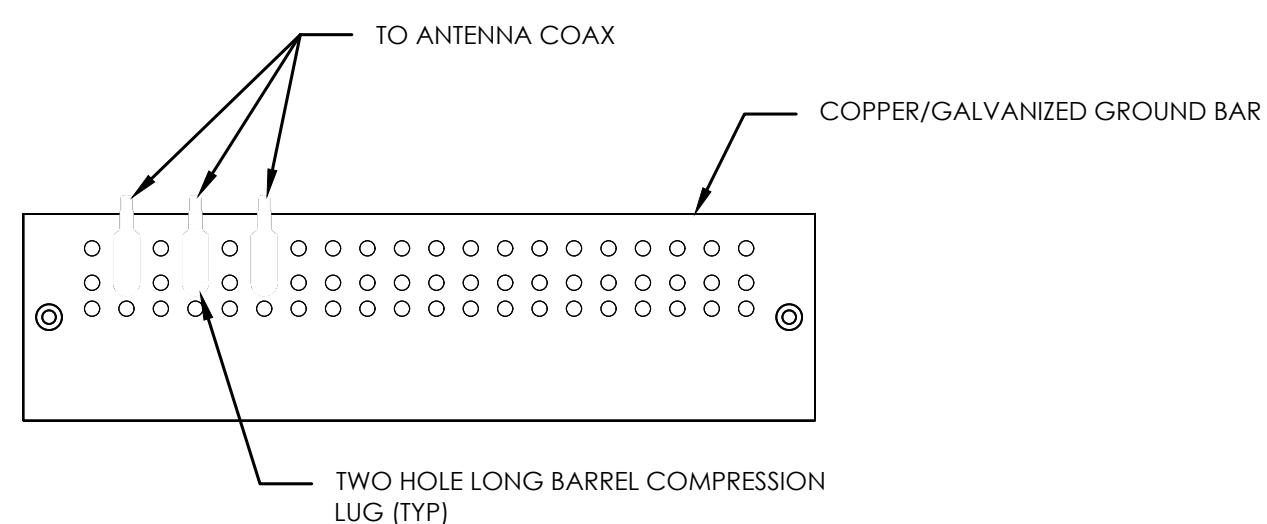
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SITE ADDRESS:
**51950 PINE CANYON RD
KING CITY, CA 93930**

PM&A PROJECT:
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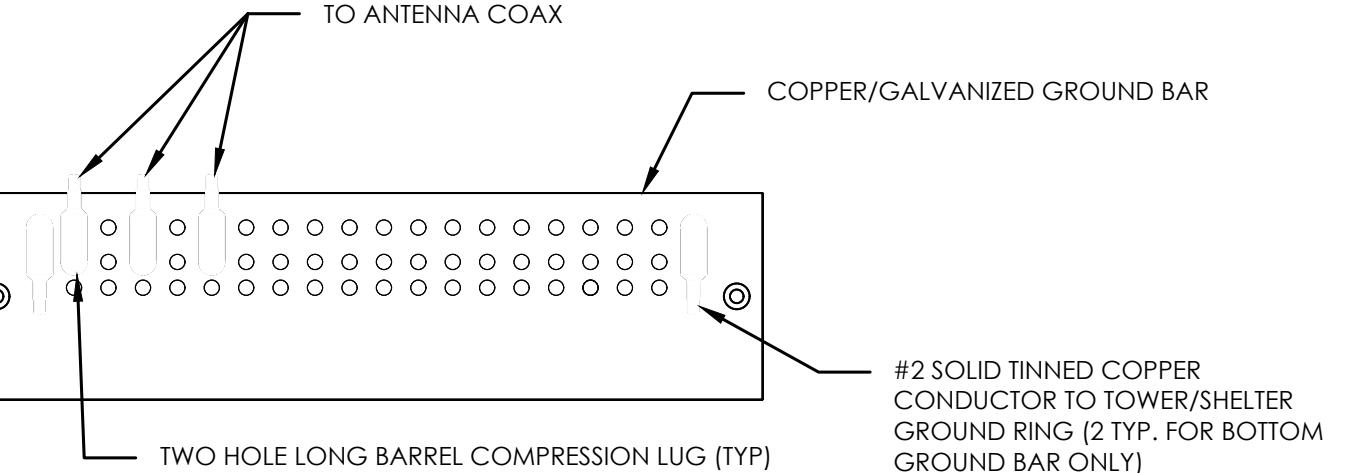
SHEET DESCRIPTION:
GROUNDING DETAILS

SHEET NUMBER:
E-4



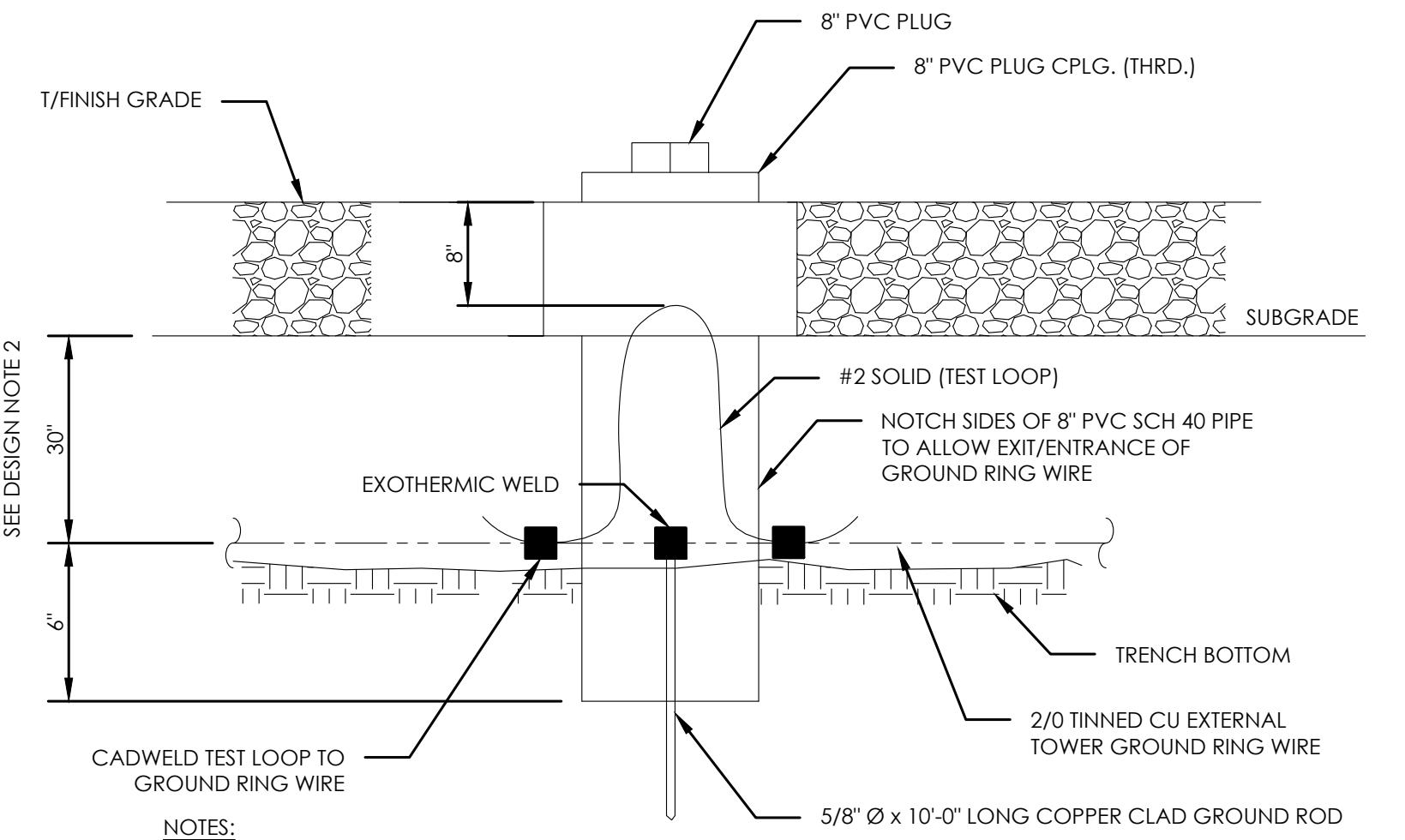
NOTES:

1. DOUBLING UP "OR STACKING" OF CONNECTIONS IS NOT PERMITTED.
2. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
3. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO ANTENNA MOUNT STEEL.



NOTES:

1. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
2. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO TOWER STEEL (TOWER ONLY).
3. GROUND BAR SHALL BE ISOLATED FROM BUILDING OR SHELTER.



NOTES:

1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL.
2. GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE.
(WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)

ANTENNA SECTOR GROUND BAR DETAIL 1

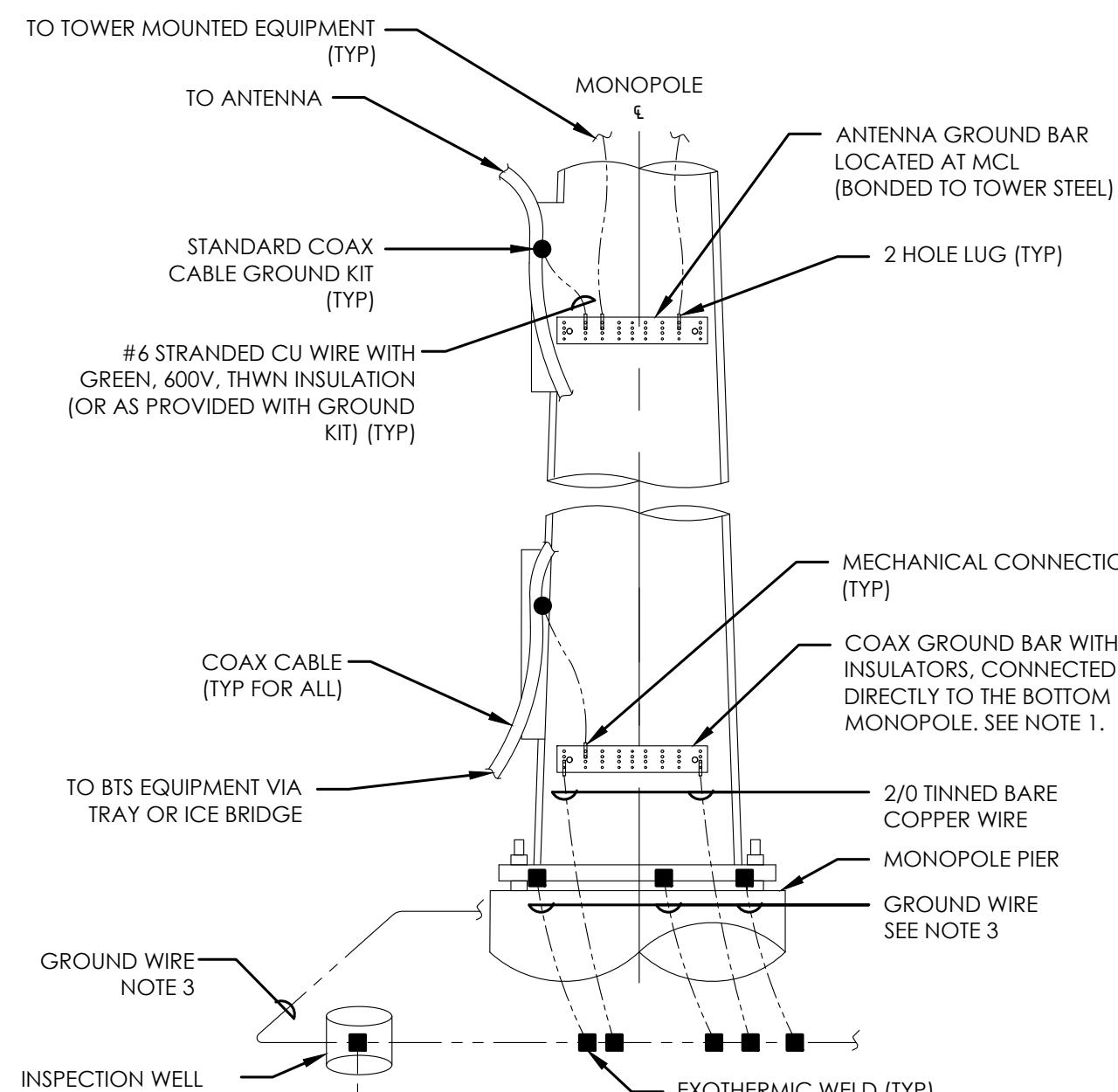
NOT TO SCALE

TOWER/SHELTER GROUND BAR DETAIL 2

NOT TO SCALE

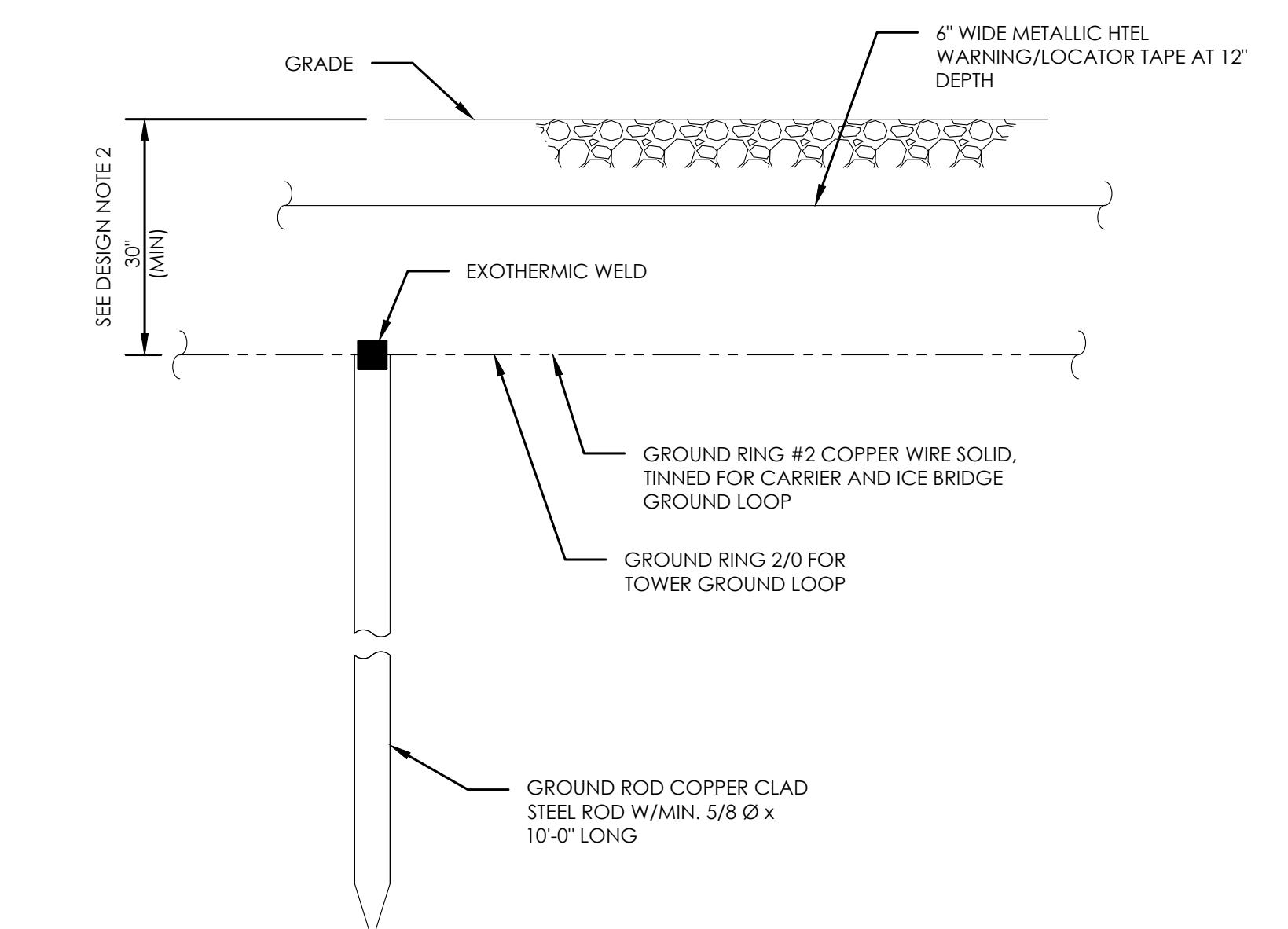
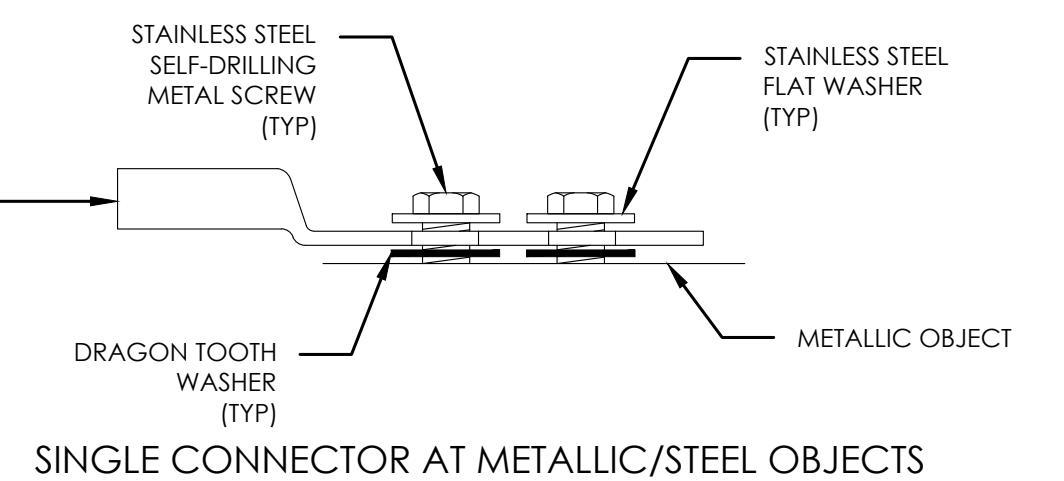
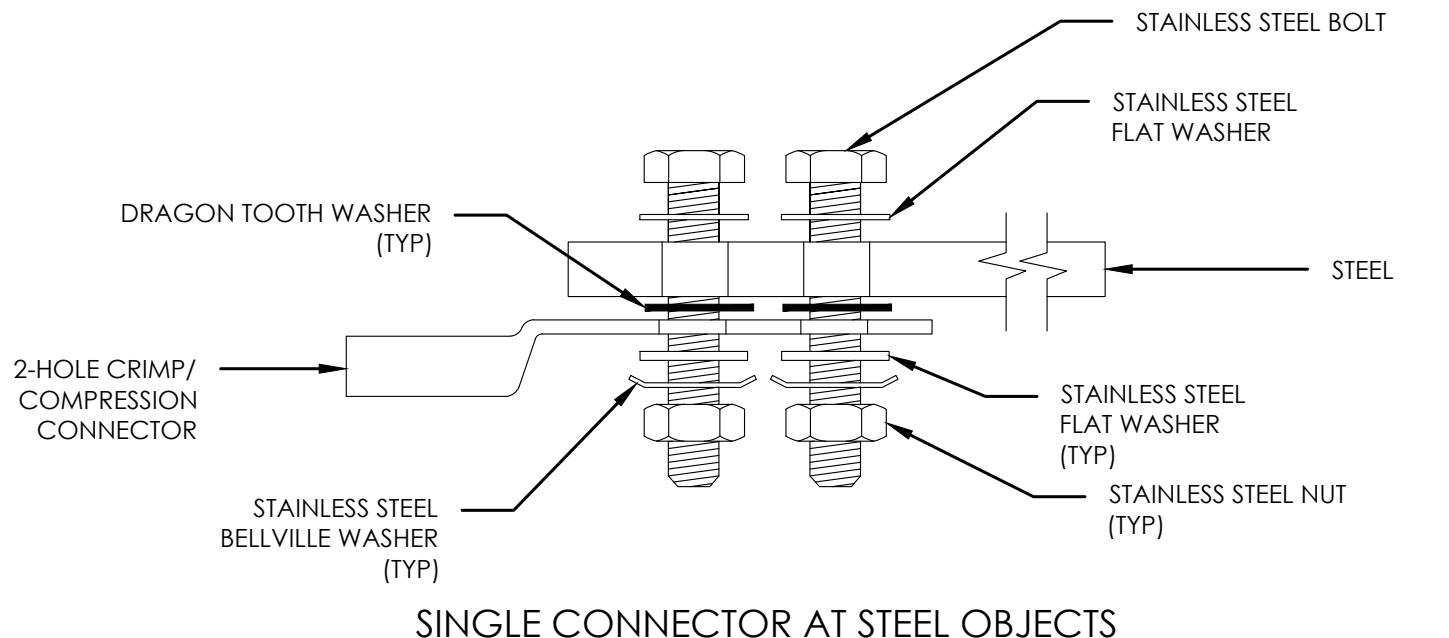
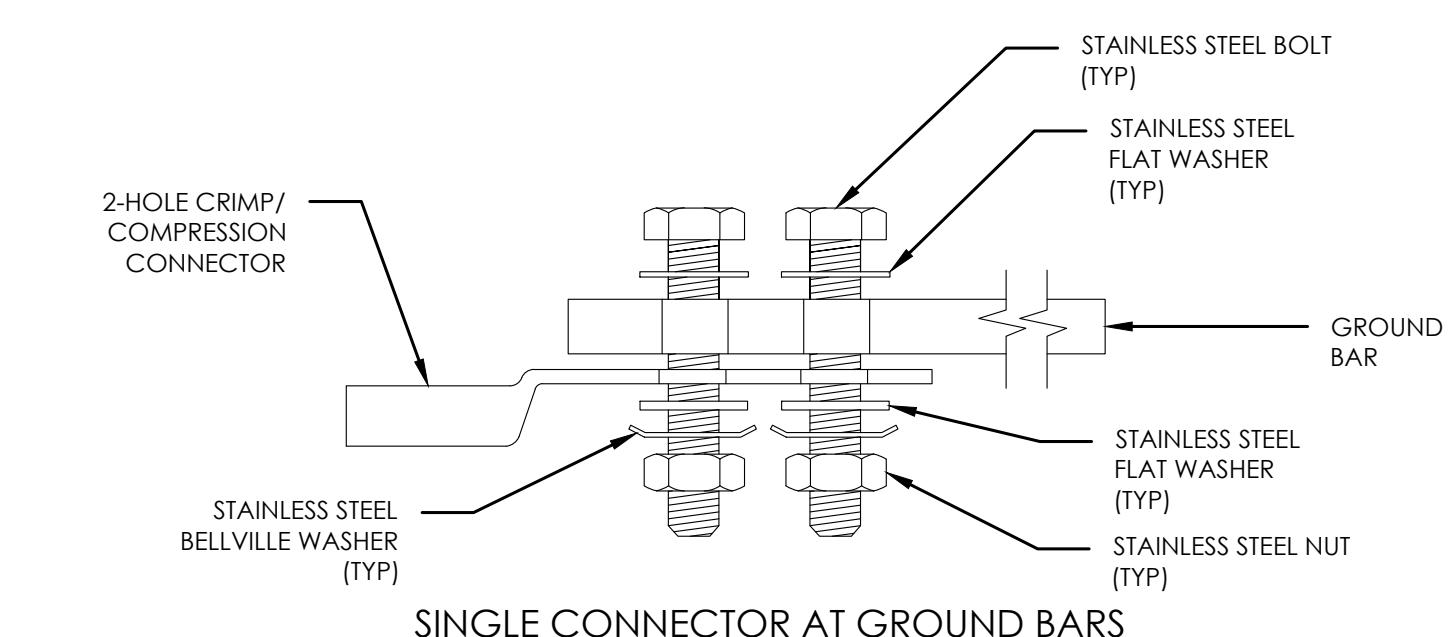
INSPECTION WELL DETAIL 3

NOT TO SCALE



NOTES:

1. NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATIONS AND CONNECTION ORIENTATION. COAXIAL CABLES EXCEEDING 200 FEET ON THE TOWER SHALL HAVE GROUND KITS AT THE MIDPOINT. PROVIDE AS REQUIRED.
2. ONLY MECHANICAL CONNECTIONS ARE ALLOWED TO BE MADE TO CROWN CASTLE USA INC. TOWERS. ALL MECHANICAL CONNECTIONS SHALL BE TREATED WITH AN ANTI-OXIDANT COATING.
3. ALL TOWER GROUNDING SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF THE RECOGNIZED EDITION OF ANSI/TIA 222 AND NFPA 780.



NOTES:

1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL.
2. GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE.
(WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)

TYPICAL ANTENNA CABLE GROUNDING 4

NOT TO SCALE

HARDWARE DETAIL FOR EXTERIOR CONNECTIONS 5

NOT TO SCALE

GROUND ROD DETAIL 6

NOT TO SCALE

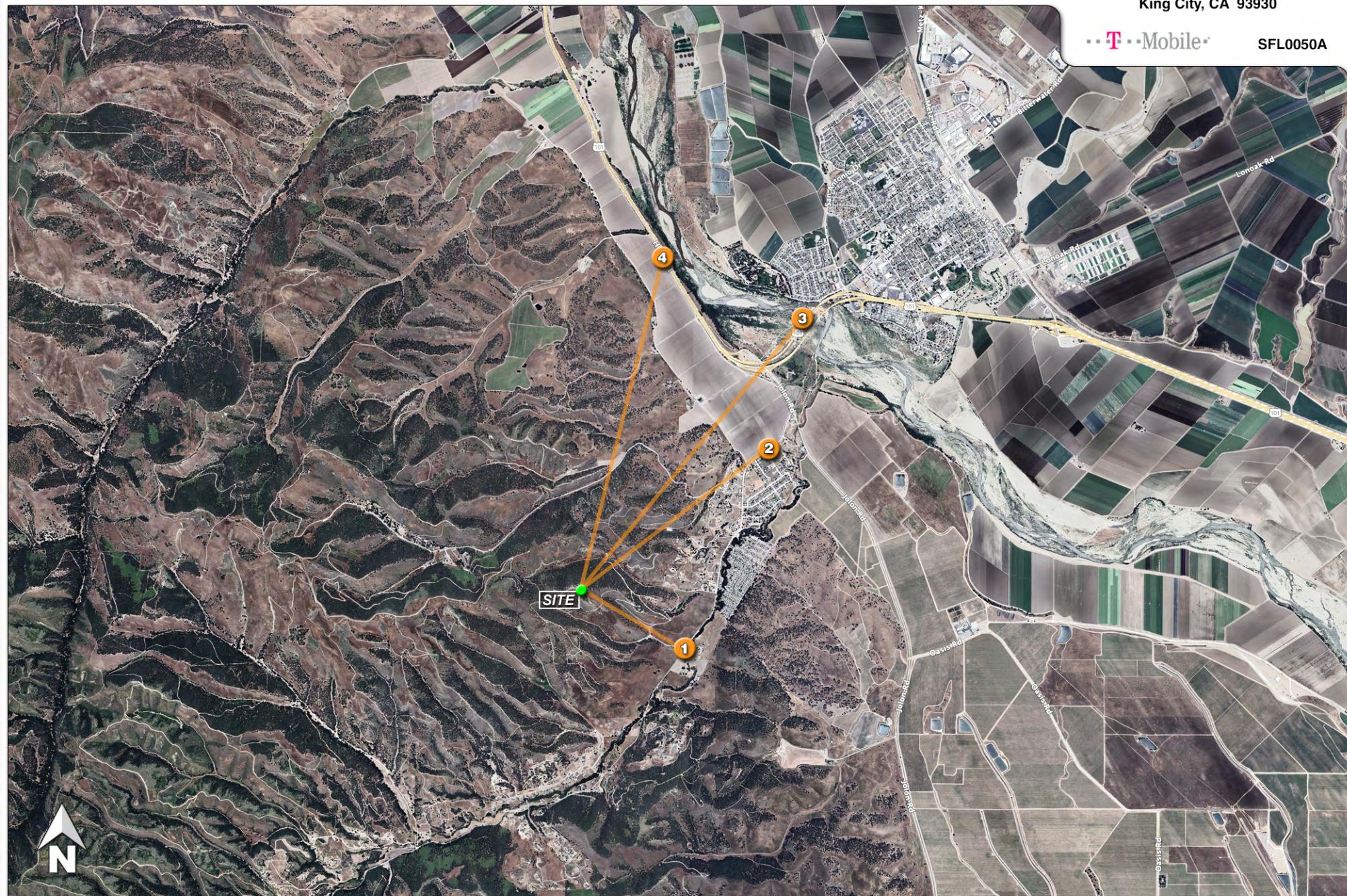
Aerial photograph showing the viewpoints for the photosimulations.

AT&T: King City

51950 Pine Canyon Rd
King City, CA 93930

T-Mobile

SFL0050A



AT&T: King City

51950 Pine Canyon Rd
King City, CA 93930

Photosimulation of the view from an airborne camera, looking easterly. Not a public vantage point.

...T-Mobile...

SFL0050A



Aerial Oblique View

1

Existing tower and antennas to remain in place

Photosimulation of the view looking northwest from the access gate and nearest public road to the site.

AT&T: King City51950 Pine Canyon Rd
King City, CA 93930**T-Mobile** SFL0050A*Proposed new antennas on an existing tower*

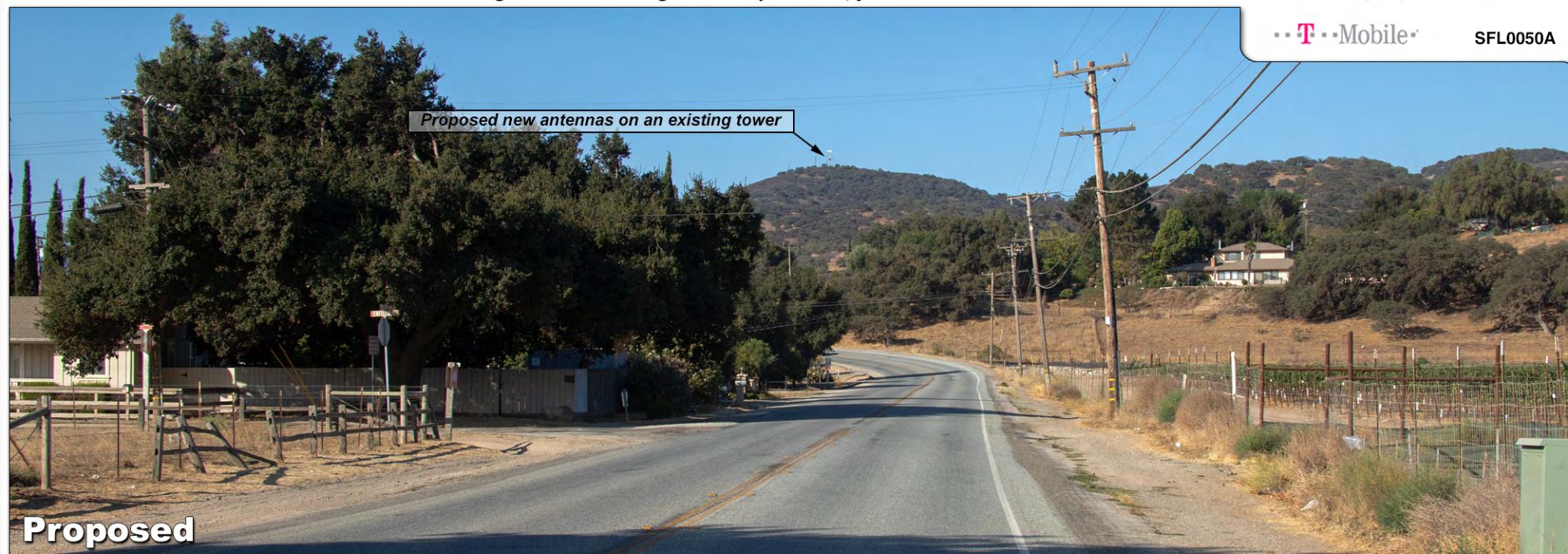
2

**Existing**

Photosimulation of the view looking southwest along Pine Canyon Road, just west of Jolon Road.

AT&T: King City51950 Pine Canyon Rd
King City, CA 93930

...T...Mobile SFL0050A

**Proposed**

3

Existing tower and antennas to remain in place

Existing

Photosimulation of the view looking southwest along northbound Hwy 101, crossing over the Salinas River.

AT&T: King City

51950 Pine Canyon Rd
King City, CA 93930

• T • Mobile

SFL0050A

Proposed new antennas on an existing tower

Proposed

4



Existing tower and antennas to remain in place

Existing

Photosimulation of the view looking southwest along southbound Hwy 101, a mile north of Jolon Road.

AT&T: King City

51950 Pine Canyon Rd
King City, CA 93930

• T • Mobile

SFL0050A



Proposed new antennas on an existing tower

Proposed